



EMERGENCY

DEFENCE



RESCUE

CATALOGUE
REVISION 1.0



HUM
Systems for Life®



Dear Sir or Madam,
Valued Customers and Partners,

We are pleased to present our new RESCUE Catalogue for the EMERGENCY and DEFENCE sectors. It includes both proven products and a wide range of innovations developed in close cooperation with users.

For more than 30 years, **HUM Gesellschaft für Homecare and Medizintechnik** mbH has stood for excellence in the development and distribution of high-quality medical and textile products. Together with our customers, partners, and users, we have mastered major challenges and driven pioneering innovations.

Our focus is on close collaboration as well as the distribution of our 14 AERO proprietary brands, which this year increasingly include products from the tactical sector. In particular, especially in emergency medical services, you may be familiar with our textile brand AEROcase® or our medical products such as AERObag®, AEROresc®, or AEROtube®. Below, we would like to introduce products from these and other proprietary brands.

First, we invite you to gain a closer insight into our company on the next page with our history “**30 Years of HUM – Our Growth at a Glance**”. Furthermore, on pages 11 and 75, we present the expertise and added value of our two **business divisions Medical Technology and Textile Technology**.

At HUM, we act according to the mottos “Systems for Life®” and “Textiles for Life” as well as the following focal points and guidelines:

- **Highest product quality:** Quality management system in accordance with DIN EN ISO 13485 and compliance with the Medical Device Regulation (MDR)
- **Development and manufacturing:** High-quality textile products “Made in Germany” | “Made in Europe” – from prototype and small-series production to OEM services and technology consulting
- **Customer satisfaction:** Focus on your needs and, through regular feedback and audits, results that not only meet but exceed your expectations
- **Crisis resilience:** Crisis-proof infrastructure, planning security and stock availability to be prepared for emergency situations

If you have any questions, we are always available to provide professional advice. Our goal is to supply our national and international distribution partners as well as public authorities and organizations with high-quality products that meet medical standards and are offered at market-competitive prices.

We look forward to continuing our successful cooperation with you, our valued partners and customers, in the future.

Kind regards,

HUM Gesellschaft für Homecare und Medizintechnik mbH



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30 Years of HUM – Our Growth at a Glance

- 1995

From a garage to one of the leading providers of emergency and transport containers as well as medical products for the Public Safety Authorities, Homecare and Hospital sectors: Our CEO Dietmar Uhlenbruch founded today's "HUM Gesellschaft für Homecare und Medizintechnik mbH" in December 1995.
- 1998

Following the move to office premises in the industrial park "Im Berge-Ost" in Lünen and a successful start in the field of oxygen supply, the first trademark registrations followed with AEROway® and AEROvent®. By 2020, numerous further brands followed in the HUM assortment, which now comprises 14 AERO proprietary brands. Furthermore, patents and utility models for in-house developments secure the innovative power of HUM. All this offers our customers a wide-ranging assortment of more than 1,800 tested quality products.
- 2002

The new office and administration buildings with adjacent warehouse were completed and occupied. In the following years, further expansions of the office and storage areas took place. In total, HUM grows to over 7,000 sqm with 4,500 sqm of pure usable area, including high-bay racks with over 2,000 storage spaces. As a result, we are, now and in the future, always in a position to adapt to challenging events such as the Corona pandemic or the war in Ukraine and to ensure appropriate stockholding for our customers.
- 2011

HUM switched to SAP Business One as an ERP system, which supports processes, connects company divisions more closely and contributes to further company success – for continued satisfaction of national and international customers in over 50 countries.
- 2015

HUM continues to expand its textile branch and acquires shares in a textile manufacturing facility in Bielefeld to respond to the increasing market demand for AEROcase® emergency and transport containers in the market. Thanks to a strong international dealer network and many innovations, the textile branch is growing steadily, which is why in 2022, in addition to existing production in Germany and China, a further production site is opened for the first time in Romania. Through further synergies with the later RENOSTER GmbH in 2023, HUM decides on a complete takeover and merger. Since then, the Bielefeld location has acted alongside the other production facilities as a development and small-series production site, as well as an OEM service provider and technology consultant.
- 2024

From the past back into the present and with a view to the future, HUM remains on course: Succession planning for our company is clearly in focus and is secured by the authorized signatories Daniel Schnabel and Jan F. Uhlenbruch. Through this step and the distribution of responsibility to the long-standing employee (> 20 years) and the next generation, the future of our company with over 60 employees remains in family hands.
- 2025 - today

The company celebrates its 30th anniversary and, in this special year 2025, is again launching numerous new products for textile and medical technology. In 2026, HUM will also appear as an exhibitor at the leading trade fairs for our customers and target groups, such as Enforce Tac, RETTmobil and MEDICA, and visit various events as a sponsor and supporter.



Click Me
IMAGE VIDEO



Explanation of Symbols

The following symbols inside our catalogue provide you with a quick overview of status and additional affiliations. Alongside quantity information, we have also highlighted further inquiry options for your convenience!



Table of Contents



MASSIVE HEMORRHAGE | EXSANGUINATION

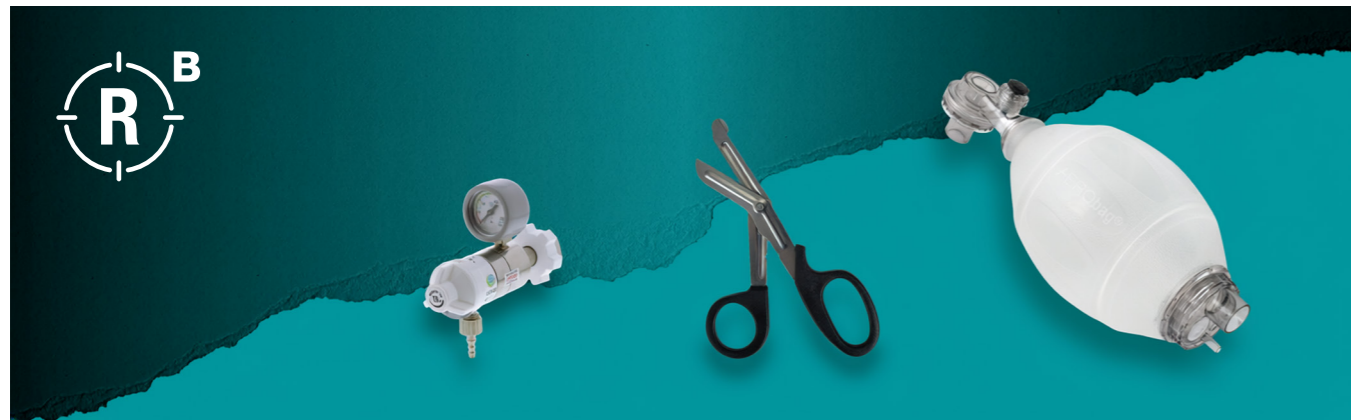
- AEROfusion – Tourniquets 14
- AEROuse – Permanent Marker 14
- AEROuse – Emergency Bandages 15
- AEROuse – Hemostatics 15
- AEROuse – Compressed Gauze 16



AIRWAY

- AEROsuc® – Manual Suction Devices | Accessories and Spare Parts 18–19
- AEROsuc® – Suction Catheters 20
- AEROsuc® – Suction Interrupters 20
- AEROsuc® – Suction Connection Tubing 20
- AEROtube® – Metal Laryngoscope Blades | Single Use 21

| | |
|--|----|
| FEROtube® – Metal Laryngoscope Handles Reusable | 21 |
| FEROtube® – Endotracheal Tubes | 22 |
| FEROtube® – Intubation Stylets | 23 |
| FEROtube® – Laryngeal Masks | 23 |
| FEROtube® – Nasopharyngeal Airways | 24 |
| FEROtube® – Lubricating Jelly | 24 |
| FEROtube® – Catheter Mounts | 25 |
| FEROtube® – Oropharyngeal Airways | 25 |
| FERObag® – CPR Face Shields | 26 |
| FERObag® – CPR Face Shields HUM Customized | 26 |
| FERObag® – Pocket Masks | 27 |
| FERObag® – Pocket Masks HUM Customized | 27 |
| FEROtube® – Test Lung | 28 |



RESPIRATION | BREATHING

| | |
|--|----|
| FEROtube® – Chest Seals | 30 |
| FEROtube® – Decompression Needle | 30 |
| FEROuse – Scissors / Trauma Shears | 31 |
| FERObag® – Manual Resuscitators SEBS | 32 |
| FERObag® – Manual Resuscitators Silicone | 33 |
| FERObag® – Resuscitation Masks PVC Silicone | 34 |
| FERObag® – Reservoir Bags Accessories and Spare Parts – Resuscitators | 35 |
| FERObag® – PEEP Valves | 35 |
| FERObag® – Mask Head Straps | 35 |
| Inflator / Deflator | 36 |
| FERObag® – Storage Cases | 36 |
| FERObag® – Hyperventilation Mask | 36 |
| FEROpart® – Oxygen Cannulas | 37 |
| FEROpart® – Oxygen Safety Tubing | 38 |
| FEROpart® – Oxygen Masks | 38 |
| FEROpart® – Venturi Masks | 39 |
| FEROpart® – Aerosol Inhalation Sets | 39 |

| | |
|--|----|
| FEROpart® – Tubing Connectors | 39 |
| FEROvent® – Bacterial and Viral Filters with HME Ventilation Filters | 40 |
| FEROvent® – Bacterial and Viral Filters “Slimline” Ventilation Filters | 40 |
| FEROpart® – Sterile Water Systems | 41 |
| FEROway® – Flowmeters Fine ZGA RTM3 | 42 |
| FEROway® – Double Flowmeters Fine ZGA RTM3 | 43 |
| FEROway® – Pressure Reducers Fast REGSON | 44 |
| FEROway® – Pressure Reducers Fast REGSON Fine REGFLOW | 45 |
| FEROway® – Flow Regulators Fast ZGA DEBSON2 | 46 |
| FEROway® – Double Flow Regulators Fast ZGA DEBSON2 | 47 |
| FEROway® – Pressure Reducers Fix I Fix II DETREG | 48 |
| FEROway® – Spare Parts | 49 |
| FEROway® – Maintenances | 49 |
| Pressurised Gas Cylinders Oxygen | 50 |
| Pressurised Gas Cylinders Compressed Air Nitrous Oxide Carbon Dioxide | 51 |



CIRCULATION

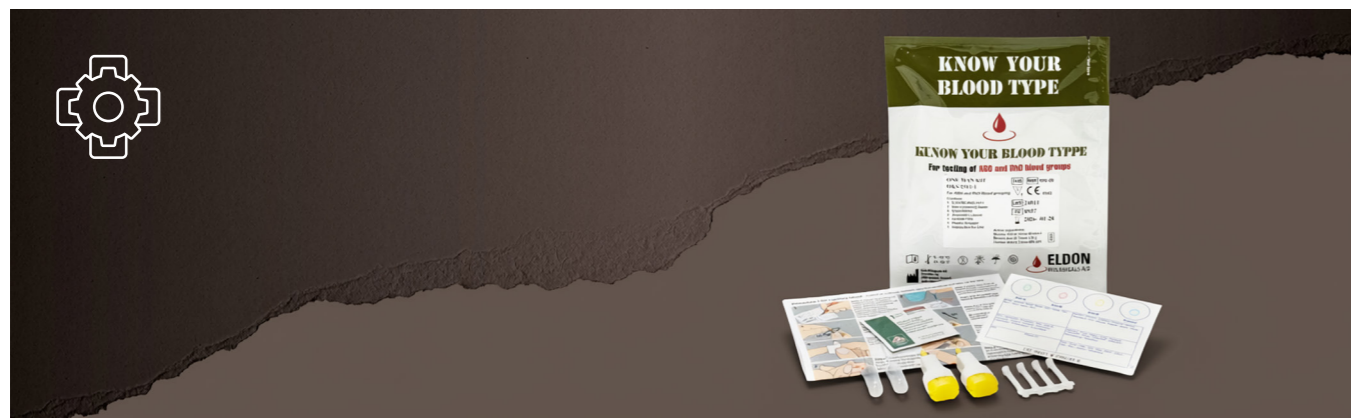
| | |
|---|-------|
| FEROcheck® – Aneroid Sphygmomanometers | 53 |
| FEROcheck® – Aneroid Sphygmomanometers Accessories and Spare Parts | 53 |
| FEROcheck® – Stethoscopes | 54 |
| FEROcheck® – Diagnostic Lamp | 54 |
| FEROcheck® – Neurological Reflex Hammer | 55 |
| FEROuse – EASY Gloves Guard Single-Use Nitrile Gloves | 55 |
| FEROuse – EASY Gloves Single-Use Gloves Nitrile | 56 |
| FEROresc® – EASY Splint | 57 |
| FEROfusion – One-Handed Tourniquet | 58 |
| FEROfusion – One-Handed Tourniquet HUM Customized | 58 |
| FEROprotective® – Respiratory Face Mask FFP2 NR | 59 |
| FEROprotective® – Medical Face Mask Type IIR | 60 |
| FEROcheck® – Fingertip Pulse Oximeter - P011-FCE | 61 |
| Masimo – RD SET®-Sensors | 62–63 |
| Masimo – M-LNCS®-Sensors | 63–64 |

| | |
|--|----|
| Masimo – Patient Cables | 65 |
| Masimo – Adapter Cables | 66 |
| Masimo – Sensors Accessories and Spare Parts | 66 |



HEAD / HYPOTHERMIA | DISABILITY | ENVIRONMENT

| | |
|---|----|
| FEROprotective® – Eye Shield | 68 |
| FEROuse – Instant Heat Compress | 68 |
| FEROuse – Instant Cold Compress | 69 |
| FEROuse – Instant Cold Compress HUM Customized | 69 |
| FEROuse – Emergency Blanket GS1 | 70 |
| FEROuse – Emergency Blanket OS1 | 70 |
| FEROresc® – EASY Collar Adult Mini | 71 |
| FEROresc® – EASY Collar Adult | 72 |



EQUIPMENT

| | |
|---|----|
| FEROuse – Test Kits for Blood Group Typing | 74 |
|---|----|

BACKPACKS & BAGS



BACKPACKS & BAGS | EMERGENCY

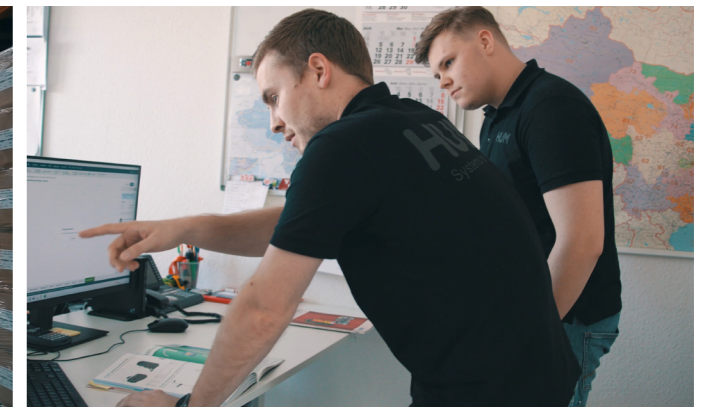
| | |
|---|---------|
| FEROcase® – EMS+ | 78–92 |
| FEROcase® – PROpack Emergency Backpacks | 79–81 |
| FEROcase® – PRObag XL Emergency Bag PRObag M Emergency Bag | 82 |
| FEROcase® – Modular Bags and Containers | 83–85 |
| FEROcase® – EASY Click | 86 |
| FEROcase® – OXYbag | 87 |
| FEROcase® – IMMObag | 88 |
| FEROcase® – FirstAid Bag | 89 |
| FEROcase® – WEARbag | 90 |
| FEROcase® – ORGAbag DIN A4 Clipboard ORGAbag DIN A5 | 91–92 |
| FEROcase® – EMS | 93–107 |
| FEROcase® – MEDpacks Modular Bag Sets for MEDpacks | 94–95 |
| FEROcase® – MEDpack SEG | 96 |
| FEROcase® – MEDpack AED | 97 |
| FEROcase® – MEDpack Basic | 98 |
| FEROcase® – MEDpack Ampoule | 99 |
| FEROcase® – Modular Bag MCAL 2.0 Ampoule Case | 100 |
| FEROcase® – Modular Bag Set, Front Pocket Accessory | 100 |
| FEROcase® – Modular Bag Set, Oxygen Accessory | 101 |
| FEROcase® – Modular Bag Set, Standard | 101 |
| FEROcase® – MPXL1C Spare Parts | 102–103 |
| FEROcase® – SEG XL | 104 |
| FEROcase® – MCAS1 | 105 |
| FEROcase® – Belt Ampoule Holder | 105 |
| FEROcase® – MCIS1 | 106 |
| FEROcase® – MCIL1 | 106 |
| FEROcase® – MBOL2 | 107 |
| FEROcase® – 1R | 108–116 |
| FEROcase® – RESPONDERpack | 109–111 |
| FEROcase® – RESPONDERbag S M L | 112–115 |
| FEROcase® – RBVM1C | 116 |

BACKPACKS & BAGS



BACKPACKS & BAGS

| | |
|--|---------|
| AEROCASE® – PROpack GTSB - TAC GT - TAC GTB - TAC | 118–119 |
| AEROCASE® – TACpack Medic RESPONDER L | 120–121 |
| AEROCASE® – TACpack Medic COMBAT XL | 122–123 |
| AEROCASE® – TACpack Medic MANV L | 124–125 |
| AEROCASE® – TACpack MANV1 | 126 |
| AEROCASE® – TACpack DAY | 127 |
| AEROCASE® – TACbag Triage | 128 |
| AEROCASE® – TACbag Medic HipBag | 129 |
| AEROCASE® – TACbag IFAK01 (M-V) | 130 |
| AEROCASE® – TACbag IFAK02 (L-H) | 131 |
| AEROCASE® – TACbag IFAK01 | 132 |
| AEROCASE® – TACbag IFAK02 | 132 |
| AEROCASE® – TACbag Tourniquet Pouch | 133 |
| AEROCASE® – TACbag Glove Pouch | 133 |
| AEROCASE® – ORGAbag A4-2 | 134 |
| AEROCASE® – TACpanel OMEGA S M L | 135 |
| AEROCASE® – TAC Bar | 136 |
| AEROCASE® – TAC Multiclip | 136 |



Our Medical Technology Division

For more than 30 years, we have been acting as a provider of medical devices and consumables used in the HEALTHCARE and RESCUE sectors. Our extensive RESCUE portfolio includes long-established products in the EMERGENCY sector such as endotracheal tubes, manual resuscitators, emergency blankets and splints. In addition, we have expanded our product portfolio in the DEFENCE sector to include products such as tourniquets, emergency bandages and other medical consumables.

Our Competencies

- **Highest product quality:** Quality management system in accordance with DIN EN ISO 13485 and compliance with the Medical Device Regulation (MDR)
- **Proprietary brands:** Established, innovative AERO brands, characterized by the highest quality and functionality
- **Focus:** Highest product quality, customer satisfaction and crisis resilience

Our Added Value

Quality, durability and experience in the market, also through close cooperation with users and partners, characterize our actions.

Our expertise

- **Consulting:** Professional expertise and comprehensive advice
- **Reliability:** Partnership and the needs of the customer at the center
- **Innovation:** Continuous expansion and optimization of the range as required

Our Brand

Our AERO brands stand for high competence and diverse applications that meet your demand for premium quality. According to the MARCH / xABCDE scheme, we provide the following products for you, among others:

- **AEROfusion:** Tourniquets, One-Handed Tourniquets
- **AEROuse:** Emergency Bandages, Hemostatics, Compressed Gauze, Instant Heat Compresses
- **AEROTube®:** Chest Seals, Naso- and Oropharyngeal Airways, Decompression Needle
- **AEROprotective®:** Eye Shield
- **AEROresc®:** Cervical Collars, Universal Splints
- **AEROcheck®:** Aneroid Sphygmomanometers, Stethoscopes, Diagnostic Lamp

MARCH-Scheme | xABCDE-Scheme

In emergency medicine, the MARCH and xABCDE schemes have established themselves as two structured approaches that are used depending on the operational environment and the user. Both schemes follow the principle of identifying and treating life-threatening problems first and can be assigned to each other in their structure as follows:

M = Massive Hemorrhage / x = Exsanguination, A = Airway / A = Airway, R = Respiration / B = Breathing, C = Circulation / C = Circulation, H = Head & Hypothermia / D+E = Disability & Environment

xABCDE is a universal emergency examination scheme for the structured care of critically ill or injured patients; it covers airway, breathing, circulation, neurological assessment, and full-body examination, whereby life-threatening bleeding is stopped first through the preceding step "x – Exsanguination".

MARCH, on the other hand, is a special trauma scheme from the tactical field that focuses particularly on massive hemorrhage, thoracic injuries, circulatory stabilization, and protection against hypothermia.

We have categorized our products according to the MARCH scheme. This supports structured processing in an emergency; however, the individual operational situation must be observed at all times. At the same time, the individual steps can be well transferred to the xABCDE scheme, so that both algorithms complement each other meaningfully in practical application. The procedure at a glance:



MASSIVE HEMORRHAGE | EXSANGUINATION

Massive hemorrhages are treated with the highest priority: triaging and immediate cessation using a "Body Check" and "Blood Sweep". Control of the bleeding using pressure, tourniquet, wound packing, hemostatics, and pressure bandages before further measures are taken.



AIRWAY

Control and securing of the upper airways to ensure an adequate oxygen supply. Addressing the patient, inspecting the oral cavity or swellings. If trauma is suspected, the airway is opened primarily by means of a "Jaw-Thrust" (Esmarch manoeuvre) under cervical spine protection; without suspected trauma, the Head-Tilt/Chin-Lift can be applied. In case of unconsciousness, the airway is secured, if necessary also providing ventilation.



RESPIRATION | BREATHING

Control of breathing and the thorax: checking the respiratory rate, examination of the chest for injuries, as well as the back and armpit area. Needle decompression in the case of a tension pneumothorax and sealing of open wounds with a chest seal.



CIRCULATION

Assessment of the circulatory situation by checking pulse, pulse rate, pulse quality, and blood pressure, as well as recognizing signs of shock; this is followed by further bleeding control, the creation of suitable access and – depending on the situation – the initiation of volume or shock therapy, as well as the examination of extremities, pelvis, and abdomen for injuries.



HEAD / HYPOTHERMIA | DISABILITY | ENVIRONMENT

Examination of the head as well as consistent prevention of hypothermia. Control of head, ears, nose, mouth, and eyes for a potential traumatic brain injury. Support through the PERRLA scheme to recognize neurological abnormalities. Optimization of heat maintenance to contribute to the most stable condition of the patient possible.

In the following chapters, you will find further information as well as medical products that we provide for comprehensive care. Feel free to contact us at any time – we will be happy to advise you on your individual needs!

MEDICAL PRODUCTS



MASSIVE HEMORRHAGE | EXSANGUINATION (MARCH: M – MASSIVE HEMORRHAGE / xABCDE: x – EXSANGUINATION)

Massive and life-threatening hemorrhages are treated with the highest priority in emergency medicine. The focus is on triaging and immediate cessation. The primary goal is the control of the hemorrhage, which is achieved through direct application of pressure, the application of a tourniquet, wound packing, including the use of hemostatics, and pressure bandages.

These measures form the central interventions in the M-step of the MARCH scheme ("Massive Hemorrhage") and in the preceding x-step of the xABCDE scheme ("Exsanguination"). First, the entire body of the wounded person is searched for injuries ("Body Check") by wiping the body with the hands both over and under the clothing ("Blood Sweep"). All these steps are carried out before further diagnostic or therapeutic measures are initiated.

HUM provides the following products for this purpose.

AEROfusion – Tourniquets



FR19® Gen 2 Extremity Tourniquet

Specially designed tourniquet for stopping severe hemorrhages and preventing blood loss in injuries or amputations of most extremities. It allows a quick and effective application thanks to one-handed operation on any limb, fewer rotations required for hemorrhage control and a wide strap that ensures more uniform pressure distribution. Additionally, the tourniquet also features a double-sided, angled locking entry for easy threading and securing of the strap, as well as a double-sided locking mechanism. Suitable for adults as well as for single use.

- One-handed operation
- Fast application thanks to fewer rotations for hemorrhage control
- Stabilization plate made of durable, flexible and unbreakable plastic
- Crutch made of sturdy plastic, with increased diameter, deep grooves as well as non-slip texture for a secure grip
- Special shape of the clamping hook for easy locking of the crutch
- Wide strap for more uniform pressure distribution



Exclusive Importer Germany

| Materials | Dimensions | Weight | Colour | Nato Stock Number (NSN) | Order number |
|---|--|-----------------|----------|-------------------------|--------------|
| Polyester (PE), Hook-and-Loop Fastener, Polyamide (PA) as well as plastic | Unopened (W x H x L) 7 x 5 x 14.5 cm Opened (L) 95 cm | approx. 0.09 kg | ● Black | 6515-27-070-0275 | HTQ01-BLK |
| | | | ● Orange | - | HTQ01-O |
| | | | ● Blue | - | HTQ01-B |

AEROfusion – Permanent Marker



Compact tactical marker for labeling tourniquets and other medical documentation such as patient tags. Together with the FR19® Gen 2 Extremity Tourniquet, it fits perfectly into the AEROfusion® – TACbag Tourniquet Pouch as well as into every IFAK or medic bag. With practical clip attachment and mounting hook on the cap.

- Suitable for tourniquets and further documentation
- Ideal for labeling almost all surfaces
- Quick-drying and waterproof
- With round tip
- Phthalate-free (6P)



| Colour (pen, ink) | Material | Dimensions (W x L) | Weight | Order number |
|-------------------|----------|--------------------|------------------|--------------|
| ● Black | Plastic | approx. 1.5 x 9 cm | approx. 0.006 kg | HPM01-BLK1 |

AEROfusion – Emergency Bandages



Sterile emergency bandage available in three sizes, made of high-quality materials and easy to handle. Designed to ensure fast and reliable wound care and immediate haemostasis of severe bleeding. Universally applicable emergency dressing, especially for sensitive areas. Suitable for adults and children as well as for single use. One-handed operation

- One-handed operation
- 4-in-1 dressing: pressure bandage, primary care, secondary treatment, and fixation
- High-quality materials and workmanship
- Highly absorbent wound pad with non-adherent surface
- Roll-out protection for safe and controlled application
- Integrated pressure bar and closure clip, made of rounded, flexible material (models 10 cm and 15 cm) ① ②



QTY: 20

| Model | Materials | Dimensions (W x L, stretched) | Wound pad | Weight | Order number |
|--|--|-------------------------------|------------|-----------------|----------------------|
| 10 cm / 4 inches, with pressure bar | Cotton, elastane, polyester (PE), non-woven fabric as well as polycarbonate (PC) | approx. 10 x 450 cm | 10 x 18 cm | approx. 0.07 kg | ① HWW02-TRS10x4.5/20 |
| 15 cm / 6 inches, with pressure bar | | approx. 15 x 450 cm | 15 x 18 cm | approx. 0.10 kg | ② HWW02-TRS15x4.5/20 |
| 20 cm / 8 inches, without pressure bar | Cotton, elastane, polyester (PE), non-woven fabric | approx. 20 x 450 cm | 30 x 30 cm | approx. 0.18 kg | ③ HWW02-TRS20x4.5/20 |

All specified lengths are subject to a production-related tolerance of ±10 cm per measurement.

AEROfusion – Hemostatics



SpeedM® – Emergency Hemostatic Dressing with HNT Mineral | Z-fold

Compact, sterile emergency hemostatic dressing for the temporary treatment of heavily bleeding wounds and traumatic injuries such as cuts, lacerations and abrasions. The Fingerlifting Fold enables particularly user-friendly handling and thanks to the Z-fold, the dressing can be flexibly and controlledly adapted to any wound. The haemostatic mineral halloysite supports fast and reliable blood clotting. For single use, additionally available as a trainer pack.

- Fingerlifting Fold and Z-Fold – particularly user-friendly and effective for faster wound packing in high-stress situations
- Fast and reliable blood clotting using Halloysite Nanotubes (HNT)
- Made of perforated non-woven fabric with ultra-fine halloysite coating to support the body's physiological clotting mechanism
- Flexibly formable and can be easily cut, torn off, folded as well as packed
- Safe application – no minerals remain in the body
- Without heat generation as well as x-ray detectable



| Description | Material | Dimensions (W x L) | Weight | Order number |
|--------------------------------|-----------|--------------------|-----------------|---------------|
| SpeedM® – Emergency Hemostatic | Halloysit | 7.5 x 370 cm | approx. 0.24 kg | ① HWW81-GHS01 |
| SpeedM® – Trainer Pack | | | approx. 0.24 kg | ② HWW81-GHS02 |

AEROuse – Compressed Gauze

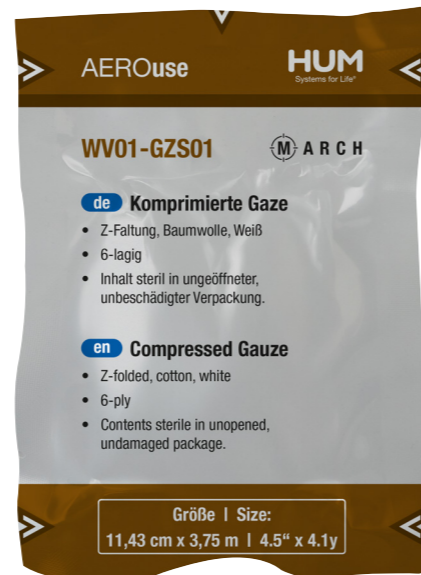


The sterile 6-ply gauze in Z-fold is a compressed, vacuum-packed gauze dressing which is easy to unfold. It is suitable for haemostasis through compression as a pressure bandage, for optimal fluid absorption or wound cleaning. For use in tactical medicine as well as in emergencies and first aid, suitable for single use.

- Particularly compact gauze thanks to vacuum compression
- Versatile application possibilities – for haemostasis, for bandaging or as a supportive dressing
- For binding or fixation
- Made of high-quality material
- With crinkle-weave structure for high absorption performance



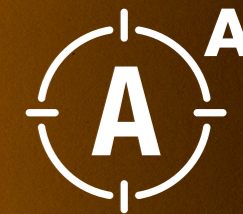
QTY: 20



| Material | Dimensions (W x D) | Weight | Order number |
|----------|--------------------|-----------------|----------------|
| Cotton | 11.43 x 375 cm | approx. 0.04 kg | HWW01-GZS01/20 |

HUM
Systems for Life®

MEDICAL PRODUCTS



AIRWAY

(MARCH: A – AIRWAY / xABCDE: A – AIRWAY)

After treating potentially life-threatening injuries, the upper airways are checked and secured to ensure an adequate oxygen supply. The procedure is based on both the MARCH scheme (“A – Airway”) and the xABCDE scheme (“A – Airway”), in which the assessment and treatment of airway disorders are summarized in a structured manner.

This includes addressing the patient and checking for e.g. foreign bodies in the oral cavity or possible swelling. If trauma is suspected, the airway is primarily opened using the “Jaw-Thrust” manoeuvre (Esmarch manoeuvre – specifically for keeping the airways clear) while protecting the cervical spine. If trauma is not suspected, the HTCL manoeuvre (“Head-Tilt/Chin-Lift”) can be applied. In cases of unconsciousness, the airway is secured and ventilation is provided if required. These measures form central interventions in the A-step of both schemes.

We offer you the following high-quality products for this purpose.

AEROSuc® – Rescue - Manual Suction Pump

Manuell

Manually powered suction device for oropharyngeal suction, according to DIN EN ISO 10079-2. Developed for quick use, energy-independent and maintenance-free. Suitable for adults and children.

- Easy one-hand operation with maximum performance
- Max vacuum (within 10 s) -60 kPa, -450 mmHg, -0.6 bar
- Free air flowrate > 0.33 l/s (20 l/min)

SCOPE OF SUPPLY

Hand-held device ❶ incl. suction container 300 ml with bacterial filter ❷, adapter for suction catheters ❸ as well as PVC suction tubing, size S and L ❹ ❺

FOR EMERGENCY AND TRANSPORT CASES



SEALING SYSTEM AT THE PUMP

Perfect fit of the suction container



Sealing ring at the pump inlet

PROTECTION SYSTEM DEVICES

One-way valve technology



Overflow protection
Contamination protection for the pump

Valve cap
Return protection towards patient

| Dimensions (W x H x D) | Weight | Order number |
|------------------------|-----------------|--------------|
| 22 x 18 x 8 cm | approx. 0.28 kg | ❶ HAG01-HP |

AEROSuc® – Rescue - Manual Suction Pump | Accessories and Spare Parts

Scope of supply for HAG01-HP as well as available as spare parts. For single use.



| Description | Material | Order number |
|---|--------------------------|----------------|
| Suction container 300 ml, with bacterial filter | Polypropylene (PP) | ❷ HAG01-HP-AG |
| Adapter for suction catheters with funnel connector, 10 pcs (spare) | ABS747 | ❸ HAG01-HP-AAK |
| PVC suction tubing, size S | Polyvinyl Chloride (PVC) | ❹ HAG01-HP-ASS |
| PVC suction tubing, size L | Polyvinyl Chloride (PVC) | ❺ HAG01-HP-ASL |

VacUp - Foot Suction Pump

Manuell

Energy-independent and maintenance-free secretion foot suction pump developed for daily use, according to DIN EN ISO 10079-2. For suction of larger accumulations of blood, mucus, saliva, etc. as well as viscous and solid food components

- Simple and reliable handling
- Powerful at max. vacuum of -82 kPa, -615 mmHg, -0.82 bar with a suction capacity of 72 l/min (air)
- Particularly resistant materials | Autoclavable at 121 °C
- Can also be used to evacuate vacuum mattresses

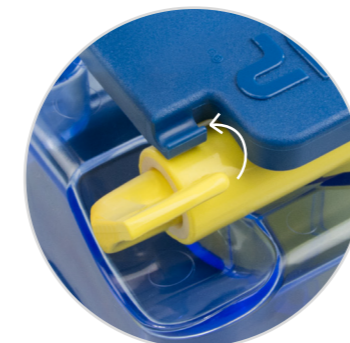
FEATURES

Including 650 large suction container with overflow protection and suction tubing 1300 mm (Ø 8 mm) with tubing connector

ALSO SUITABLE FOR MANUAL OPERATION

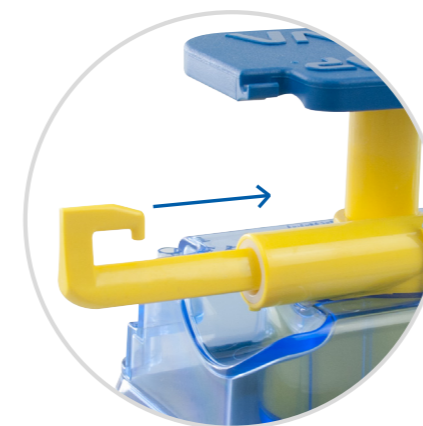


1 CLIP - 2 FUNCTIONS



1. PEDAL LOCK

For space-saving storage



2. VENTING DEVICE

Reducing the pressure or venting through complete insertion



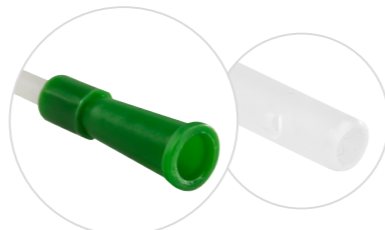
Slot for additional collection container

| Dimensions (W x H x L) | Weight | Order number |
|------------------------|---------|--------------|
| 13 x 11 x 18 cm | 0.85 kg | HAG01-FP |

AEROSUC® – Suction Catheters

Suction catheters made of latex-free PVC, with soft medical tube quality (70 ± 2 Shore A). Length approx. 30 cm ❶ and 50 cm ❷, individually sterile packed.

- Good gliding properties
- Central opening and 2 lateral eyes that prevent the catheter tip from being sucked
- Atraumatic rounded catheter tip for minimal irritations of the mucous membranes



Colour-coded funnel connectors



| Charrière (CH) | Colour | Order number | |
|----------------|-------------|--------------|-------------|
| | | ❶ 30 cm | ❷ 50 cm |
| 06 | Light Green | HAK11-30-06 | HAK11-50-06 |
| 08 | Blue | HAK11-30-08 | HAK11-50-08 |
| 10 | Black | HAK11-30-10 | HAK11-50-10 |
| 12 | White | HAK11-30-12 | HAK11-50-12 |
| 14 | Dark Green | HAK11-30-14 | HAK11-50-14 |
| 16 | Orange | HAK11-30-16 | HAK11-50-16 |
| 18 | Red | HAK11-30-18 | HAK11-50-18 |

AEROSUC® – Suction Interrupters

Suction interrupters for vacuum control, for use between suction catheter and connecting tubing.



| Description | Order number |
|--|--------------|
| Fingertip suction interrupter with finger recess and sealing plug, individually sterile packed | ❶ HAU11-FT |
| Suction interrupter with dosing tip and hook for rail systems | ❷ HAU01-DTS |
| Suction interrupter with finger recess and hook for rail systems | ❸ HAU01-FMS |

AEROSUC® – Suction Connection Tubing

PVC suction connection tubing with funnel connector and fingertip suction interrupter, CH 25, length 200 cm, individually sterile packed.



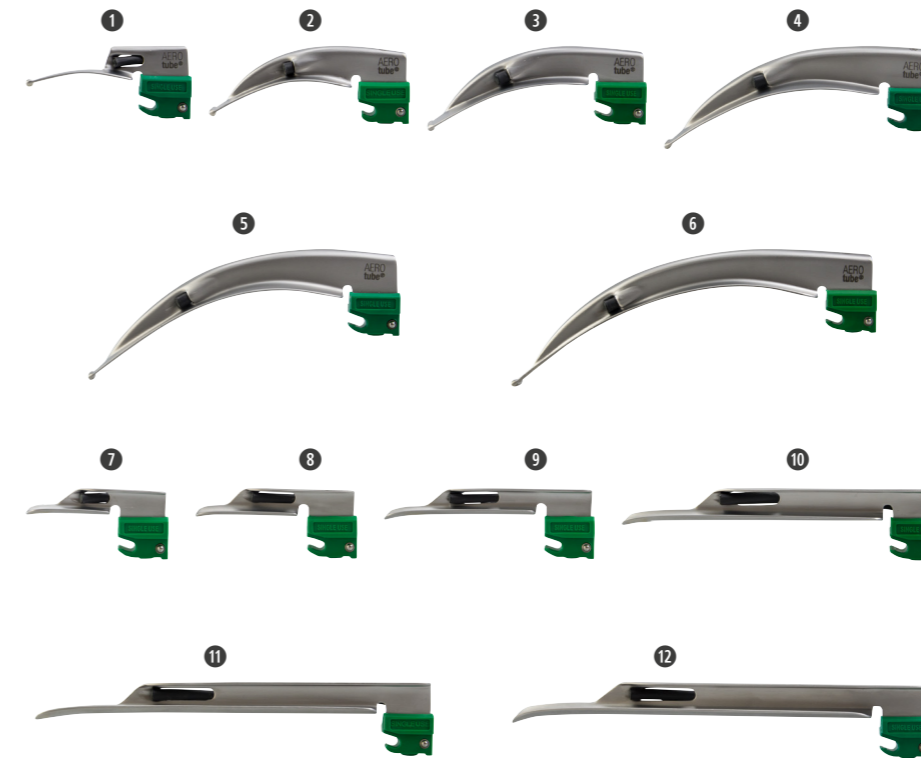
| Order number |
|--------------------|
| HAS02-25-200-TK/FT |

Upon request, also available in other lengths, charrières and with different connections

AEROTUBE® – Metal Laryngoscope Blades | Single Use

Single-use F.O. laryngoscope blades made of high-quality stainless steel, types Macintosh and Miller.

- Compatible with handles according to DIN EN ISO 7376 (Green Standard)
- Black light guide coating prevents reflections
- High light conductivity
- Smooth, rounded mat surface
- Hygienically safe, no risk of cross-contamination
- No reprocessing effort



| Macintosh | Size | Order number |
|-----------|------------------|------------------|
| | 0 | ❶ HLK02-SMC0LS-E |
| | 1 | ❷ HLK02-SMC1LS-E |
| | 2 | ❸ HLK02-SMC2LS-E |
| | 3 | ❹ HLK02-SMC3LS-E |
| | 4 | ❺ HLK02-SMC4LS-E |
| 5 | ❻ HLK02-SMC5LS-E | |

QTY: 10

| Miller | Size | Order number |
|--------|------------------|-------------------|
| | 00 | ❶ HLK02-SML00LS-E |
| | 0 | ❷ HLK02-SML0LS-E |
| | 1 | ❸ HLK02-SML1LS-E |
| | 2 | ❹ HLK02-SML2LS-E |
| | 3 | ❺ HLK02-SML3LS-E |
| 4 | ❻ HLK02-SML4LS-E | |

AEROTUBE® – Metal Laryngoscope Handles | Reusable

Reusable F.O. laryngoscope handles, in three different designs.

- Compatible with blades according to DIN EN ISO 7376 (Green Standard)
- High quality made of chrome plated brass
- Battery-operated (2 x 1.5V type C or 2 x 1.5V type AA)
- Compatible with blades according to DIN EN ISO 7376 (Green Standard)
- High quality made of chrome plated brass
- Battery-operated (2 x 1.5V type C or 2 x 1.5V type AA)



LED with very good luminosity

| Product name | Description | Ø | Order number |
|--------------|------------------|-------|----------------|
| Medium | Standard Version | 28 mm | ❶ HLK04-GB28-M |
| Pediatric | Slim Version | 19 mm | ❷ HLK04-GB19-M |
| Stubby | Short Version | 32 mm | ❸ HLK04-GB32-M |

Delivery without batteries

ÆROtube® – Endotracheal Tubes

Single-use endotracheal tubes made of crystal-clear and soft PVC, without low-pressure cuff ❶, with low-pressure cuff ❷ and sets consisting of endotracheal tube with low-pressure cuff, stylet and Luer syringe ❸. Suitable for short and long term tracheal intubation.

- Type Magill with Murphy eye
- 15 mm ISO connector
- Control marking for correct tube position
- Soft low pressure cuff
- Control balloon for monitoring the internal cuff pressure
- Individually sterile packed



Magill tip Murphy eye



| Size Dimensions | | | | Order number | | |
|-------------------|----|-------------|-------------|----------------|-------------|---------------|
| ID | CH | ID (mm ±) | AD (mm ±) | ❶ without cuff | ❷ with cuff | ❸ Set |
| 2.0 | 10 | 2.0 ± 0.15 | 3.3 ± 0.15 | HET01-20 | - | - |
| 2.5 | 11 | 2.5 ± 0.15 | 3.7 ± 0.15 | HET01-25 | HET01-25M | - |
| 3.0 | 12 | 3.0 ± 0.15 | 4.0 ± 0.15 | HET01-30 | HET01-30M | - |
| 3.5 | 14 | 3.5 ± 0.15 | 4.7 ± 0.15 | HET01-35 | HET01-35M | - |
| 4.0 | 16 | 4.0 ± 0.15 | 5.3 ± 0.15 | HET01-40 | HET01-40M | - |
| 4.5 | 18 | 4.5 ± 0.15 | 6.0 ± 0.15 | HET01-45 | HET01-45M | - |
| 5.0 | 20 | 5.0 ± 0.15 | 6.7 ± 0.15 | HET01-50 | HET01-50M | HET01-50M-SET |
| 5.5 | 22 | 5.5 ± 0.15 | 7.3 ± 0.15 | HET01-55 | HET01-55M | HET01-55M-SET |
| 6.0 | 24 | 6.0 ± 0.15 | 8.0 ± 0.15 | HET01-60 | HET01-60M | HET01-60M-SET |
| 6.5 | 26 | 6.5 ± 0.20 | 8.7 ± 0.20 | HET01-65 | HET01-65M | HET01-65M-SET |
| 7.0 | 28 | 7.0 ± 0.20 | 9.3 ± 0.20 | HET01-70 | HET01-70M | HET01-70M-SET |
| 7.5 | 30 | 7.5 ± 0.20 | 10.0 ± 0.20 | HET01-75 | HET01-75M | HET01-75M-SET |
| 8.0 | 32 | 8.0 ± 0.20 | 10.7 ± 0.20 | HET01-80 | HET01-80M | HET01-80M-SET |
| 8.5 | 34 | 8.5 ± 0.20 | 11.3 ± 0.20 | HET01-85 | HET01-85M | HET01-85M-SET |
| 9.0 | 36 | 9.0 ± 0.20 | 12.0 ± 0.20 | HET01-90 | HET01-90M | HET01-90M-SET |
| 9.5 | 38 | 9.5 ± 0.20 | 12.7 ± 0.20 | HET01-95 | HET01-95M | - |
| 10.0 | 40 | 10.0 ± 0.20 | 13.3 ± 0.20 | HET01-100 | HET01-100M | - |

ÆROtube® – Intubation Stylets

Single-use intubation stylets for endotracheal tubes, individually sterile packed.

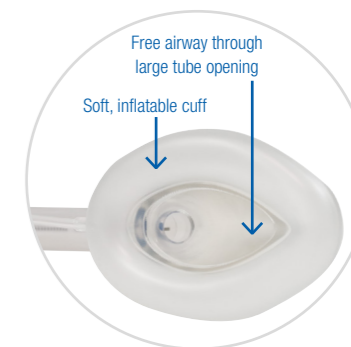
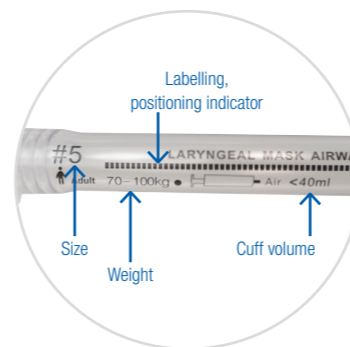


| Charrière (CH) | Ø in mm (± 0,05 mm) | Length in mm (± 10 mm) | Order number |
|----------------|---------------------|------------------------|--------------|
| 6 | 2,0 | 270 | HET01-FS06 |
| 10 | 3,3 | 335 | HET01-FS10 |
| 14 | 4,7 | 325 | HET01-FS14 |

ÆROtube® – Laryngeal Masks

PVC laryngeal masks for single use, colour-coded. Suitable as an optimal alternative in case of difficult airways, for ventilation with masks and endotracheal tubes.

- 15 mm connector acc. DIN EN ISO 5356-1
- Control marking for correct positioning
- Soft, classically shaped cuff with a good seal
- Control balloon for monitoring the internal cuff pressure
- Latex-free as well as DEHP-free
- Individually sterile packed



PVC (SINGLE USE)



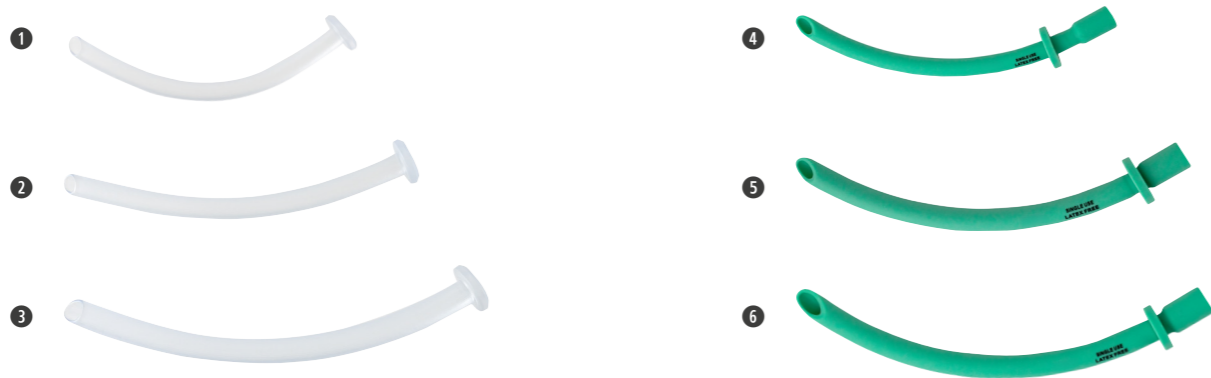
| Size | Patient group | Body weight (kg) | ID mm | AD mm | Cuff volume max. (ml) | Order number |
|------|--------------------|------------------|-------|-------|-----------------------|--------------|
| 1 | Neonates | 0 - 5 | 5.8 | 8.8 | 4 | ❶ HLM12-1 |
| 1,5 | Infants | 5 - 10 | 6 | 10 | 7 | ❷ HLM12-1.5 |
| 2 | Infants / Children | 10 - 20 | 7.8 | 12 | 10 | ❸ HLM12-2 |
| 2,5 | Children | 20 - 30 | 8.5 | 13.2 | 14 | ❹ HLM12-2.5 |
| 3 | Children | 30 - 50 | 10.2 | 15 | 20 | ❺ HLM12-3 |
| 4 | Adults | 50 - 70 | 10.2 | 15 | 30 | ❻ HLM12-4 |
| 5 | Adults | 70 - 100 | 12 | 17 | 40 | ❼ HLM12-5 |

FEROtube® – Nasopharyngeal Airways

NEW

Single-use nasopharyngeal airways according to Wendl, for fast and reliable securing of the airways. The soft and flexible consistency as well as the atraumatic rounded tips enable gentle and safe ventilation. Available in transparent PVC with internal GlideTex grooves for easier insertion ❶ - ❸ or green silicone with an adjustable ring for precise positioning ❹ - ❺.

- Latex- and DEHP-free
- Excellent biocompatibility – no irritation of the sensitive mucous membranes of the nasal cavity and pharynx
- Individually sterile packed

QTY: 10


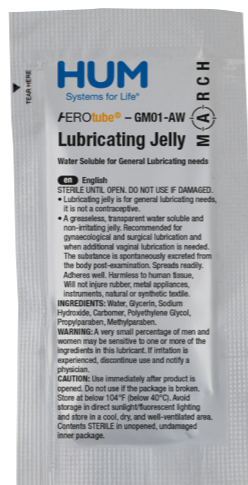
| Colour | Material | CH | ID | Volume | Order number |
|-------------|----------|----|--------|------------------|----------------|
| Transparent | PVC | 28 | 7.0 mm | approx. 0.008 kg | ❶ HNT01-F01-28 |
| | | 30 | 7.5 mm | | ❷ HNT01-F01-30 |
| | | 32 | 8.0 mm | | ❸ HNT01-F01-32 |
| Green | Silicone | 28 | 6.5 mm | approx. 0.009 kg | ❹ HNT02-S01-28 |
| | | 30 | 7.0 mm | | ❺ HNT02-S01-30 |
| | | 32 | 7.5 mm | | ❻ HNT02-S01-32 |

FEROtube® – Lubricating Jelly

NEW

Specially developed lubricant to facilitate the use of supraglottic airway devices, endotracheal tubes as well as naso- and oropharyngeal airway aids. Gentle on human tissue, rubber, metallic instruments as well as natural and synthetic textiles. Available in practical sachets.

- Water-soluble for general lubricating needs
- Greaseless and transparent
- Leaves no residue in the body
- Optimal gliding properties – easy to spread and reliably adherent
- Suitable for other medical applications
- Sterile and vacuum-packed, in sachets of 0.005 kg

QTY: 150


| Dimensions (W x L) | Contents | Order number |
|--------------------|----------|--------------|
| approx. 4 x 8 cm | 0.005 kg | HGM01-AW |

FEROtube® – Catheter Mounts

Single-use catheter mounts for connecting the ventilation system to the patient interface in mechanically ventilated patients. They enable an optimised supply of respiratory gases as well as simultaneous suctioning or bronchoscopy. Available in a straight version ❶ or with a 360° double swivel connector and suction port ❷ - ❹, as well as in extendable versions or with a fixed length (smoothbore – smooth inside) ❺.

STRAIGHT ❶

QTY: 50
90° DOUBLE SWIVEL CONNECTOR WITH SUCTION PORT


| Type | Connections | | Length | | Order number |
|---|-------------|--------|-------------------------------------|------------------------------|---------------------|
| | Patient | Device | Tubing | Total length with connectors | |
| Straight Extendable | 22M / 15F | 22F | 150 mm (flexible from 100 - 165 mm) | 210 mm | ❶ HTV21-22F/15A |
| 360° double swivel connector with suction port Fixed | 22M / 15F | 22F | 200 mm | 250 mm | ❷ HTV21-22F/20-DKK |
| 360° double swivel connector with suction port Extendable | 22M / 15F | 15M | 150 mm (flexible from 100 - 165 mm) | 210 mm | ❸ HTV21-15M/15A-DKK |
| | 22M / 15F | 22F | 150 mm (flexible from 100 - 165 mm) | 210 mm | ❹ HTV21-22F/15A-DKK |

FEROtube® – Oropharyngeal Airways

Single-use oropharyngeal airways according to Guedel, for maintaining open airways and preventing airway collapse. With outer material made of flexible polyethylene and an integrated bite block made of stable polypropylene, colour-coded according to sizes. Also available in a practical set.

- Latex-free
- Made of flexible and robust materials
- Additionally available as a set in a transparent storage box (8 Guedel airways)

QTY: 10


| Size | ISO | Length | Colour code | Order number |
|------|-----|--------|-------------|--------------|
| 000 | 4 | 40 mm | Pink | ❶ HOT01-G000 |
| 00 | 5 | 50 mm | Blue | ❷ HOT01-G00 |
| 0 | 6 | 60 mm | Black | ❸ HOT01-G0 |
| 1 | 7 | 70 mm | White | ❹ HOT01-G1 |
| 2 | 8 | 80 mm | Green | ❺ HOT01-G2 |
| 3 | 9 | 90 mm | Yellow | ❻ HOT01-G3 |
| 4 | 10 | 100 mm | Red | ❼ HOT01-G4 |
| 5 | 11 | 110 mm | Orange | ❽ HOT01-G5 |
| 6 | 12 | 120 mm | Purple | ❾ HOT01-G6 |


 Box dimensions:
approx. 12 x 5 x 17.5 cm (W x H x L)

| Sizes | Packaging | Order number |
|---------|-------------|------------------|
| 000 - 5 | Plastic box | HOT01-G000-5-BOX |

AERObag® – CPR Face Shields

Single-use CPR face shield made of polyethylene (PE) for adults, consisting of user side's printed face cover and an integrated one-way valve. Supplied in a practical soft case 5 x 5 cm, made of nylon fabric and with a key ring. For easy and safe use in emergency situations.


QTY: 10

| Standard colour* | | Order number |
|---------------------------------------|---------------|------------------|
| ● | Blue | HBT01-V-S5x5-B |
| ● | Black | HBT01-V-S5x5-BLK |
| ● | Blue Purple | HBT01-V-S5x5-LB |
| ● | Red | HBT01-V-S5x5-R |
| ● | Orange | HBT01-V-S5x5-O |
| ● | Pink | HBT01-V-S5x5-P |
| ● | Yellow | HBT01-V-S5x5-Y |
| ● | Golden Yellow | HBT01-V-S5x5-YG |
| ● | Green | HBT01-V-S5x5-G |

*Due to the printing process, colour deviations are possible

AERObag® – CPR Face Shields | HUM Customized

Customized

Single-use CPR face shield made of polyethylene (PE) for adults, consisting of user side's printed face cover and an integrated one-way valve. Supplied in a practical soft case 5 x 5 cm, made of nylon fabric and with a key ring. With individual customer logo and a possible selection of 14 different colours.

IMPORTANT INFORMATION FOR YOUR ORDER

- Logo formats: pdf, ai, eps
- Resolution at least 300 dpi
- Font size at least 7 pt
- No colour gradients, only full surface process or full tone colours
- Minimum order quantity: Each colour available as SU = 100 pcs
- Delivery times are communicated on an order-specific basis.



| Colour* | | Order number |
|--|----------------|---------------------|
| ● | Blue | HBT01-V-S5x5-B/KD |
| ● | Black | HBT01-V-S5x5-BLK/KD |
| ● | White | HBT01-V-S5x5-W/KD |
| ● | Light Green | HBT01-V-S5x5-LG/KD |
| ● | Green | HBT01-V-S5x5-G/KD |
| ● | Olive Green | HBT01-V-S5x5-OG/KD |
| ● | Yellow | HBT01-V-S5x5-Y/KD |
| ● | Golden Yellow | HBT01-V-S5x5-YG/KD |
| ● | Orange | HBT01-V-S5x5-O/KD |
| ● | Red | HBT01-V-S5x5-R/KD |
| ● | Red Violet | HBT01-V-S5x5-RV/KD |
| ● | Pink | HBT01-V-S5x5-P/KD |
| ● | Heather Violet | HBT01-V-S5x5-VH/KD |
| ● | Blue Lilac | HBT01-V-S5x5-LB/KD |

*Due to the printing process, colour deviations are possible

AERObag® – Pocket Masks

Single-use resuscitation mask made of PVC for adults and children, supplied in a robust hard shell case. Anatomically shaped, well-sealing air-cushion mask with an elastic head strap for fixation of the mask to the patient's head. For optimal protection during rescue breathing, without direct contact between user and patient.

SAFE

- Double protection thanks to a one-way valve in the mouthpiece and a bacterial filter
- Additional infection protection provided by single-use PVC gloves
- Transparent PVC body for better patient monitoring

FLEXIBLE

- Universal use, suitable for adults and children
- Immediately ready for use – ideal for the quick and effective ventilation in any situation

HIGH EASE OF USE

- Easily unfoldable mask with a soft, adaptable mask cushion and adjustable elastic band for an optimal fit
- Easy and secure transport thanks to a robust hard shell case with a practical carrying strap

SCOPE OF DELIVERY



Air-cushion mask



Alcohol pads



Single-use PVC gloves



One-way valve, incl. bacterial filter



Hard shell case with carrying strap



| Standard colour* | | Order number |
|---------------------------------------|--------|---------------|
| ● | Blue | HBM16-PMB |
| ● | Yellow | HBM16-PMB-Y |
| ● | Black | HBM16-PMB-BLK |

*Due to the printing process, colour deviations are possible

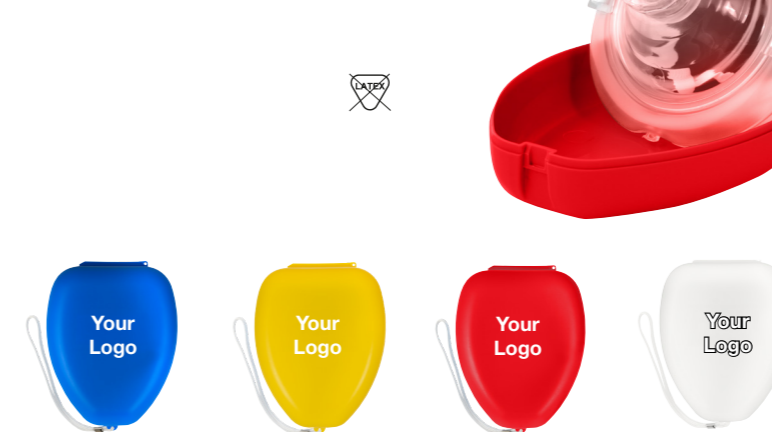
AERObag® – Pocket Masks | HUM Customized

Customized

Single-use resuscitation mask made of PVC for adults and children, supplied in a robust hard shell case, including one-way valve with bacterial filter as well as single-use and alcohol pads. With individual customer logo and a possible selection of 4 different colours.

IMPORTANT INFORMATION FOR YOUR ORDER

- Logo formats: pdf, ai, eps
- Resolution at least 300 dpi
- Font size at least 7 pt
- No colour gradients, only full surface process or full tone colours
- Minimum order quantity: Per colour from 600 pcs
- Delivery times are communicated on an order-specific basis.



| Colour* | | Order number |
|---------------------------------------|--------|----------------|
| ● | Blue | HBM16-PMB-B/KD |
| ● | Yellow | HBM16-PMB-O/KD |
| ● | Red | HBM16-PMB-R/KD |
| ● | White | HBM16-PMB-W/KD |

Further colours upon request

*Due to the printing process, colour deviations are possible

FEROtube® – Test Lung

Reusable test lung 1000 ml, for easy testing and calibration of ventilators, used in the treatment of various respiratory and pulmonary diseases.

- Standard connection 15 mm OD acc. DIN EN ISO 5356-1
- Compliance 25ml / cmH₂O
- Airway resistance 11 cmH₂O / l / s
- Tidal volume 500 ml (with 1 l bag)
- Autoclavable silicone components - at 121 °C for 15 min, silicone-free components - cleaning and disinfection by wiping



| Colour | Order number |
|--------|--------------|
| White | HTL02-1000W |

HUM
Systems for Life®

MEDICAL PRODUCTS

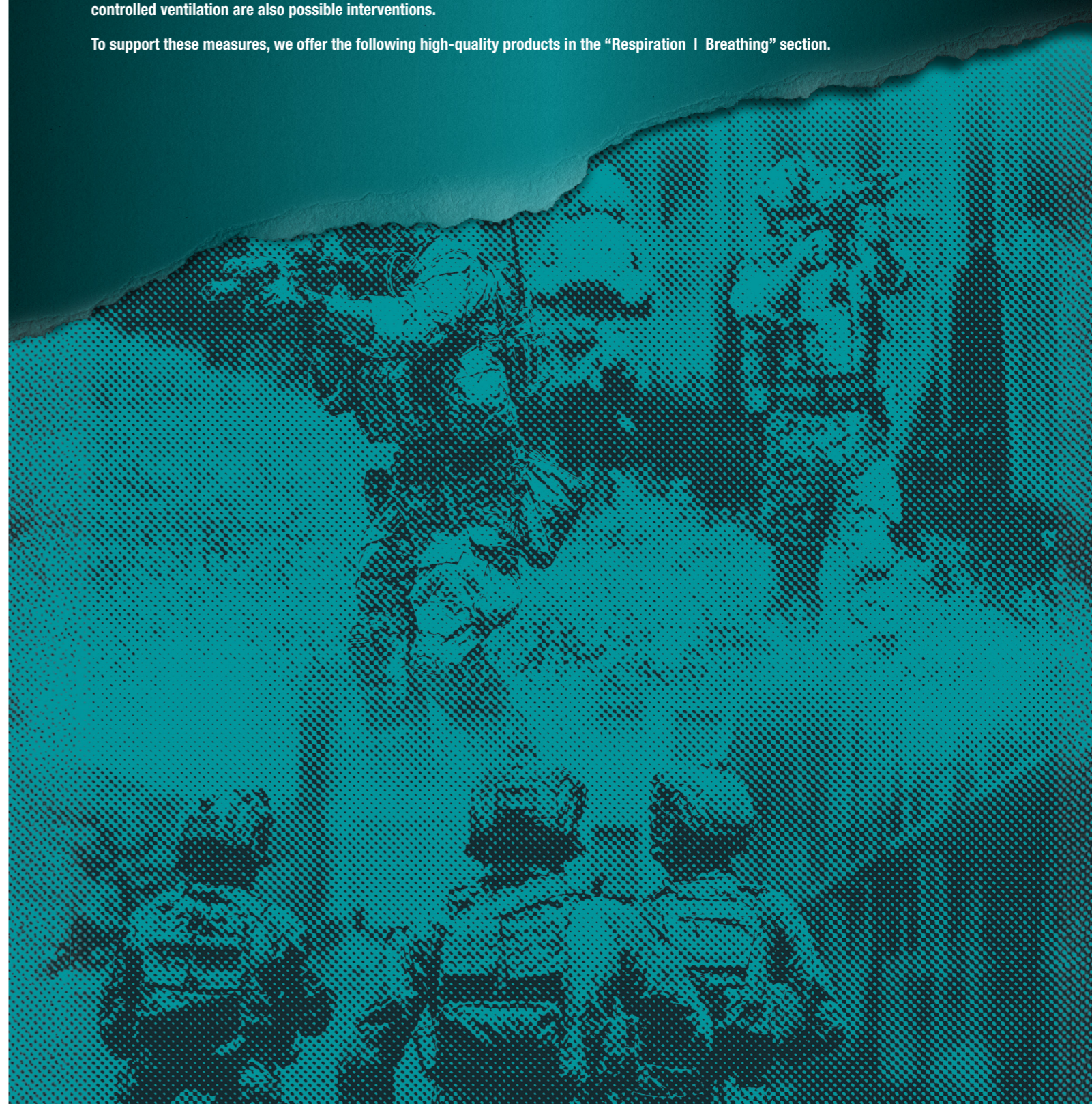
RESPIRATION | BREATHING

(MARCH: R – RESPIRATION / xABCDE: B – BREATHING)

Control of breathing and the thorax is crucial for the care of the patient. First, the respiratory rate is checked to recognize signs of respiratory distress. The chest is examined for injuries such as bruise marks, haematomas or fractures; the back and armpit area must also be taken into account. This procedure corresponds to the R-step (“Respiration”) in the MARCH scheme and the B-step (“Breathing”) in the xABCDE scheme, in which the breathing and thorax are systematically assessed.

Special attention is paid to the detection of a tension pneumothorax or open thoracic wounds, which can massively impair breathing. In the case of a tension pneumothorax, needle decompression is necessary; penetrating wounds are sealed with a Chest Seal to prevent air entry. In the sense of R (MARCH) and B (xABCDE), depending on the findings, positioning measures, oxygen administration, and assisted or controlled ventilation are also possible interventions.

To support these measures, we offer the following high-quality products in the “Respiration | Breathing” section.



FEROtube® – Chest Seals

Reliable chest seals for the emergency treatment of an open pneumothorax, available with and without valves. They prevent air from entering the chest cavity; the version with valves simultaneously drains accumulated gas or fluid, helping to maintain respiratory and circulatory functions that are impaired by the thoracic injury. Sterile as well as suitable for single use.

- Professional, safe wound care for open chest injuries
- Available without valves or as a version with 4 valve channels (ventilation channels), which simultaneously serves as a 4-valve drainage system and ensures functionality in the event of a valve blockage
- Transparent design for ideal placement as well as adaptation to the wound area
- Optimal adhesion even under demanding conditions thanks to self-adhesive gel coating using hydrogel-based adhesive



With valves



Without valves

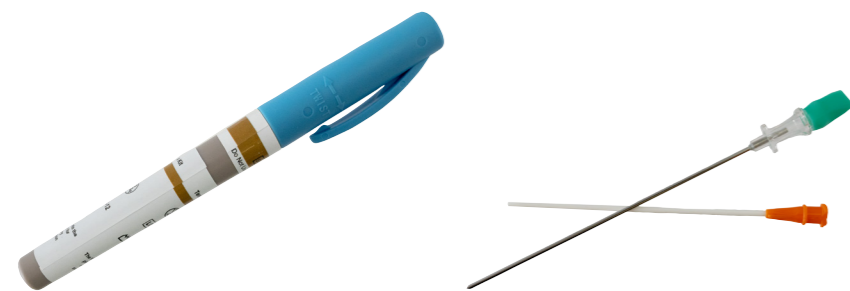
QTY: 20

| Model | Colour | Dimensions | Weight | Order number |
|----------------|-------------|--------------------|-----------------|-------------------|
| With valves | Transparent | approx. 15 x 15 cm | approx. 0.03 kg | ① HWV03-CSS01V/20 |
| Without valves | | | approx. 0.04 kg | ② HWV03-CSS01/20 |

FEROtube® – Decompression Needle

Robust 14G decompression needle for the acute treatment of a tension pneumothorax. It enables rapid and effective relief of critical overpressure in the pleural space, supports the decompression of the lung and mediastinum and contributes to fast haemodynamic stabilisation by improving venous return. Sterile as well as suitable for single use.

- High-quality, reliable special catheter for relief of a tension pneumothorax
- 14G, O.D. approx. 2.1 mm, I.D. approx. 1.6 mm, colour-coded hub and catheter length approx. 8.3 cm
- Sterile plastic tube for quick access as well as protection of the needle from damage
- Smooth, sharp-ground needle tip for minimally invasive insertion
- Capless sight chamber for immediate confirmation of correct placement, with integrated ventilation system for effective pressure relief
- Removable valve for visual function check



Example product presentation



Sterile tube for protecting the needle

| Description | Material | Weight | Order number |
|---|--------------------------|-----------------|---------------------|
| Decompression needle 14G / Orange, catheter length approx. 8.3 cm | Stainless Steel (Needle) | approx. 0.02 kg | HDR01-EN01-8.25-14V |

FEROuse – Scissors / Trauma Shears

High-quality angled scissors / trauma shears with silver-coloured blades and an ergonomic, black plastic handle. The special shape with a blunt hook at the lower end of the blade enables safe and effective cutting of clothing and bandages without risk of injury. Robust and durable model, ideal for use in medical emergencies.

- Available in 2 different lengths
- Robust and durable model
- Angled and with blunt ends
- Made of corrosion-protected and stainless steel
- With silver blade and black handle
- Non-sterile, autoclavable up to 105 °C



With a serrated edge



Effective cutting of clothing



Effective cutting of bandages

| Colour | Materials | Dimensions | Weight | Order number |
|----------------|-------------------------------------|-------------|-----------------|------------------|
| Silver / Black | Stainless steel, polypropylene (PP) | 9 x 14.5 cm | approx. 0.05 kg | ① HKS11-145-BLK1 |
| | | 9 x 19.0 cm | approx. 0.06 kg | ② HKS11-190-BLK1 |

AERObag® – Manual Resuscitators | SEBS



NEW QUALITY IN THE SINGLE-USE SECTOR

High-quality SEBS manual resuscitators, available individually or as a set, consisting of resuscitator, up to 3 PVC resuscitation masks as well as reservoir bag and 2 m oxygen safety tubing. Available sets for adults, children and infants. Supplied in a carrying bag, with individually packed components.

MATERIAL AND COMPONENTS

- High-quality and environmentally friendly SEBS material
- Biocompatible: skin-friendly, without causing allergic reactions
- Flexible and elastic – with high tear resistance
- Excellent ozone and weather resistance
- Latex- and phthalate-free components (only the O₂ tubing contains PHT DINP)
- Easy handling and secure hold thanks to the easy-to-grip surface structure

ADDITIONAL SPECIAL FEATURES AT A GLANCE

- Precision-fit connectors in accordance with DIN EN ISO 5356
- With rotatable patient connection cone, pressure relief valve, All-In-One intake valve ① – with integrated reservoir valve and separate connection for 6 mm oxygen tubing
- Powerful, user-friendly and patient-orientated as well as robust – even under the toughest operating conditions combined with a high level of ease of use
- Very responsive bag with minimal mechanical resistance



Example product presentation

OUR MANUAL RESUSCITATORS SEBS



| Components Patient group | Resuscitator volume | No. of masks | Resuscitation mask size | | | | | Order number | |
|-----------------------------|---------------------|--------------|-------------------------|----|----|----|----|--------------|-------------|
| | | | 0V | 1V | 2V | 3V | 4V | | 5V |
| Adults (≥ 33kg) | 1630 ml | 0 | | | | | | | HBB17-E |
| | | 1 | | | | | ✓ | | HBB17-E-4R |
| | | 2 | | | | | | ✓ | HBB17-E-5R |
| | | 3 | | | | ✓ | ✓ | ✓ | HBB17-E-35R |
| Children (10 - 33 kg) | 680 ml | 0 | | | | | | | HBB17-K |
| | | 1 | | | ✓ | | | | HBB17-K-2R |
| | | 2 | | ✓ | ✓ | | | | HBB17-K-3R |
| | | 3 | | | | ✓ | | | HBB17-K-12R |
| Infants (≤ 10 kg) | 340 ml | 0 | | | | | | | HBB17-B |
| | | 1 | ✓ | | | | | | HBB17-B-0R |
| | | 2 | | ✓ | | | | | HBB17-B-1R |
| | | 3 | ✓ | ✓ | | | | | HBB17-B-01R |

AERObag® – Manual Resuscitators | Silicone

DURABLE REUSABLE VERSION

High-quality silicone manual resuscitators, available individually or as a set, consisting of resuscitator, up to 3 resuscitation masks made of full silicone (sizes 0V - 2V) or partial silicone (sizes 3 - 5), as well as reservoir bag and 2 m oxygen safety tubing. Available sets for adults, children and infants. Supplied in a carrying bag, with individually packed components. Additional resuscitation masks are available as supplementary accessories.

MATERIAL AND COMPONENTS

- High-quality materials, hygiene-friendly and clearly visible combined with easy handling and a secure hold thanks to the easy-to-grip surface structure
- Ideal for use in emergency medical services and routine clinical use
- Latex- and phthalate-free components (only the O₂ tubing contains PHT DINP)
- Disinfectable and autoclavable; contamination is easy to recognise and clean
- Temperature-resistant, with very good quality and long lifetime

ADDITIONAL SPECIAL FEATURES AT A GLANCE

- Precision-fit connectors in accordance with DIN EN ISO 5356
- With rotatable patient connection cone, pressure relief valve, All-In-One intake valve ① – with integrated reservoir valve and separate connection for 6 mm oxygen tubing
- Powerful, user-friendly and patient-orientated as well as robust – even under the toughest operating conditions – combined with a high level of ease of use
- Very responsive bag with minimal mechanical resistance



Example product presentation

OUR MANUAL RESUSCITATORS SILICONE



| Components Patient group | Resuscitator volume | No. of masks | Resuscitation mask size | | | | | Order number | |
|-----------------------------|---------------------|--------------|-------------------------|----|----|---|---|--------------|---------------|
| | | | 0V | 1V | 2V | 3 | 4 | | 5 |
| Adults (≥ 33kg) | 1630 ml | 0 | | | | | | | HBB15-E |
| | | 1 | | | | | ✓ | | HBB15-E-4R |
| | | 2 | | | | | | ✓ | HBB15-E-5R |
| | | 3 | | | | ✓ | ✓ | ✓ | HBB15-E-35R |
| Children (10 - 33 kg) | 680 ml | 0 | | | | | | | HBB15-K |
| | | 1 | | | ✓ | | | | HBB15-K-2VR |
| | | 2 | | ✓ | | ✓ | | | HBB15-K-3R |
| | | 3 | | ✓ | ✓ | ✓ | | | HBB15-K-1V3R |
| Infants (≤ 10 kg) | 340 ml | 0 | | | | | | | HBB15-B |
| | | 1 | ✓ | | | | | | HBB15-B-01VR |
| | | 2 | ✓ | ✓ | | | | | HBB15-B-1R |
| | | 3 | ✓ | ✓ | ✓ | | | | HBB15-B-012VR |

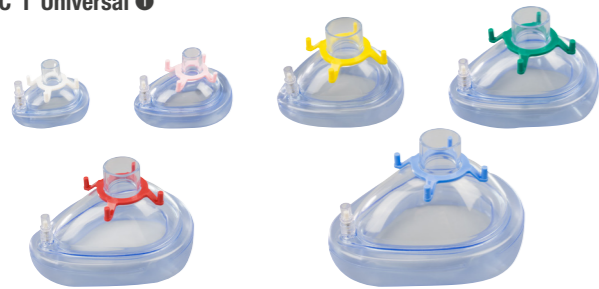
AERObag® – Resuscitation Masks PVC | Silicone

Single-use PVC resuscitation masks and reusable silicone resuscitation masks. Different mask sizes for adults, children and infants available, with connection using ISO standard. Transparent, anatomically shaped as well as soft and smooth. With good sealing even at low contact pressure.

SINGLE USE

- In colour blue, universal ❶ or in transparent, for HBB17 ❷
- PVC resuscitation masks with clear body and inflatable PVC air cushion with valve
- Colour-coded hooks made of polyethylene for mask head straps

PVC | Universal ❶



PVC | For HBB17 ❷



| Sizes | Order number | | | |
|-------|--------------|--|----------|--|
| | ❶ PVC | | ❷ PVC* | |
| 0 | HBM06-0V | | HBM16-0V | |
| 1 | HBM06-1V | | HBM16-1V | |
| 2 | HBM06-2V | | HBM16-2V | |
| 3 | HBM06-3V | | HBM16-3V | |
| 4 | HBM06-4V | | HBM16-4V | |
| 5 | HBM06-5V | | HBM16-5V | |

*Reorder for existing sets HBB17

REUSABLE

- Reusable / Autoclavable
- With integrated silicone lip cushion and clear body of full silicone, universal ❸ or full / partial silicone, for HBB15 and HBB17 ❹ ❺

Full Silicone | Universal ❸



Full Silicone | For HBB15 ❹



Silicone / PC | For HBB15 ❺

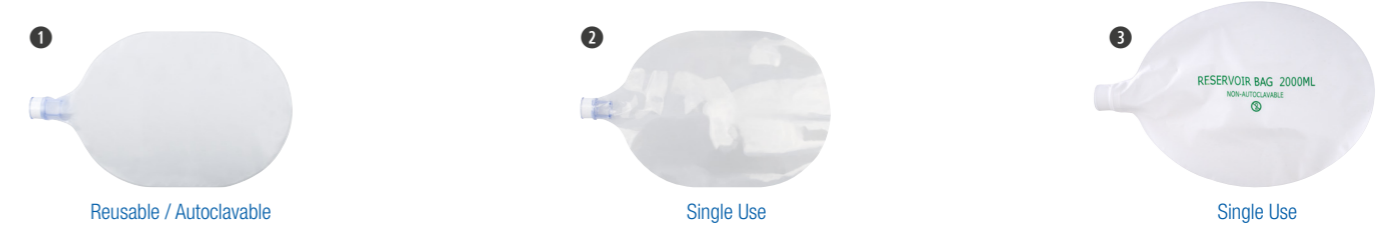


| Sizes | Order number | | |
|-------|-----------------|------------------|------------------|
| | ❸ Full Silicone | ❹ Full Silicone* | ❺ Silicone / PC* |
| 0 | HBM05-0V | HBM15-0V | |
| 1 | HBM05-1V | HBM15-1V | |
| 2 | HBM05-2V | HBM15-2V | |
| 3 | HBM05-3V | HBM15-3V | HBM15-3 |
| 4 | HBM05-4V | HBM15-4V | HBM15-4 |
| 5 | HBM05-5V | HBM15-5V | HBM15-5 |

*Reorder and addition for existing sets HBB15

AERObag® – Reservoir Bags | Accessories and Spare Parts – Resuscitators

Reservoir bags made of PVC, polyethylene or ethylene-vinyl acetate (EVA) / polypropylene (PP), for additional oxygenation during ventilation. With 25 mm ID connection made of polycarbonate, for use as an universal reservoirbag ❶ ❷ or for resuscitators HBB15 and HBB17 ❸. Latex- and phthalate-free.



| Volume | Order number | | Volume | Order number |
|----------------------------|--------------|----------------|--------------------|--------------|
| | ❶ PVC | ❷ Polyethylene | | |
| 2500 ml (adults, children) | HBB05-RB2500 | HBB06-RB2500 | 2000 ml (adults) | HBB16-RB2000 |
| 600 ml (infants) | HBB05-RB600 | HBB06-RB600 | 1600 ml (children) | HBB16-RB1600 |
| - | - | - | 600 ml (infants) | HBB16-RB600 |

*Reorder for existing sets HBB15 or HBB17

AERObag® – PEEP Valves

➕ Accessories - Resuscitators

PEEP valves 2 - 10 cmH₂O or 5 - 20 cmH₂O (orange) made of polycarbonate ❶ ❷, as well as PEEP valve 2 - 10 cmH₂O (yellow) made of polycarbonate ❸, for HBB15 or HBB17, for stepless regulation of the positive end-expiratory pressure (PEEP) during ventilation. Supplied with 1 integrated socket adapter each. The PEEP valve for HBB15 or HBB17 can be attached to the patient valve using the diverter ❹. For single use.



For HBB15 or HBB17

| Model | Material | Order number |
|--|--------------------------|--------------|
| PEEP-Ventil, 2 - 10 cmH ₂ O | Polycarbonate | ❶ HPV06-10 |
| PEEP-Ventil, 5 - 20 cmH ₂ O | | ❷ HPV06-20 |
| PEEP-Ventil, 5 - 20 cmH ₂ O | Polycarbonate | ❸ HPV16-20 |
| Diverter / PEEP valve adapter | Polycarbonate Silicone | ❹ HBB16-DV |

AERObag® – Mask Head Straps

➕ Accessories - Resuscitation Masks

Mask head straps for AERObag® – Resuscitation Masks, reusable silicone ❶ or for single use made of rubber ❷.



| Model | Order number | |
|-------------------------------------|--------------|------------|
| Mask strap, 700 mm, white, silicone | HBM05-B700 | - |
| Mask strap, 700 mm, black, rubber | - | HBM06-B700 |

Inflator / Deflator

Small handy PVC bag for inflation and deflation of cushions, with fixation hook for key pouches.

Accessories - Resuscitation Masks



Inflator – Fills the air cushion

Example image



Deflator – Releases the air cushion

Example image

| Material | Dimensions (B x H) | Weight | Order number |
|----------|--------------------|------------------|--------------|
| PVC | 4.2 x 7.9 cm | approx. 0.023 kg | HBM01-ID |

AERObag® – Storage Cases

Storage cases made of polypropylene, transparent ❶ or with transparent lid ❷, suitable for all AERObag® – Resuscitator models including accessories. With hinged handle and large storage space.

Accessories - Resuscitators



| Dimensions (W x H x D) | Order number |
|------------------------|--------------|
| 34 x 14.5 x 13.5 cm | ❶ HBB05-AB |
| 26.5 x 15 x 15 cm | ❷ HBB15-AB |

AERObag® – Hyperventilation Mask

Single-use hyperventilation mask made of PVC for complementary treatment of the hyperventilation syndrome. Optimal therapy through rebreathing and particularly user- and patient-friendly.

- Anatomical shape
- Fixed and with 2000 ml large-volume rebreathing bag
- Wide nose clip and adjustable elastic strap



| |
|---------------|
| Order number |
| HBM06-HV2000E |

AEROpART® – Oxygen Cannulas

Oxygen nasal cannulas made of transparent PVC with kink-resistant oxygen safety tubing.

Different models according to:

- Patient group: Adults | Children | Infants | Babies | Neonates | Premature babies
- Nasal tips (cannulas): Straight | Curved
- Materials: „Soft“ | „Supersoft“ | and / or DEHP-free
- Models: „Standard“ | „Low Flow“ | „High-Flow“ | „Low-noise“ | Especially for demand valves
- Tubing length: Safety tubing in different lengths | Different star lumens



Oxygen cannulas with straight nasal tips, soft

| Patient group | Tubing | Model | Order number |
|---------------|--------|-------------------------|----------------|
| Adults | 0.33 m | up to 6 l/min, standard | ❶ HSB11-S-0.33 |
| | 2.00 m | | ❶ HSB11-S |
| | 5.00 m | | ❶ HSB11-S5 |
| Children | 2.00 m | | ❶ HSB11-S-K |
| Infants | 2.00 m | up to 3 l/min, standard | ❶ HSB11-S-KK |
| Adults | 2.00 m | up to 6 l/min, standard | ❷ HSB13-S |

Additional DEHP-free variants available upon request

NASAL TIPS STRAIGHT, SOFT



Oxygen cannulas with curved nasal tips, soft

| Patient group | Tubing | Model | Order number |
|-------------------|--------|-------------------------|--------------|
| Adults | 2.00 m | up to 6 l/min, standard | HSB12-S |
| | | up to 6 l/min, standard | HSB14-S |
| Children | 2.00 m | up to 6 l/min, standard | HSB12-S-K |
| Infants | | up to 3 l/min, standard | HSB12-S-KK |
| Neonates / Babies | | | HSB12-S-NS |

Additional DEHP-free variants available upon request

NASAL TIPS CURVED, SOFT



Oxygen cannulas with curved nasal tips, supersoft

| Patient group | Tubing | Model | Order number |
|-------------------|--------|--------------------------------|--------------|
| Adults | 0.33 m | up to 6 l/min, standard | HSB02-S-0.33 |
| | 2.10 m | | HSB02-S |
| | 2.10 m | up to 3 l/min (slim cannulas) | HSB02-S-LF |
| | 2.10 m | up to 8 l/min (low-noise) | HSB02-S-Q |
| | 2.10 m | up to 15 l/min (high-flow) | HSB02-S-HF |
| Children | 2.10 m | up to 6 l/min, distance 7.0 mm | HSB02-S-K |
| Infants | 2.10 m | up to 3 l/min, distance 5.0 mm | HSB02-S-KK |
| Neonates / Babies | 2.10 m | up to 3 l/min, distance 4.5 mm | HSB02-S-NS |
| Premature babies | 2.10 m | up to 3 l/min, distance 3.0 mm | HSB02-S-F |

NASAL TIPS CURVED, SUPER SOFT



NASAL TIPS CURVED, SUPER SOFT



Oxygen cannulas with curved nasal tips, supersoft

| Patient group | Tubing | Model | Order number |
|---------------|--------|--|--------------|
| Adults | 1.20 m | up to 6 l/min Specifically developed for use with demand valves | HSB02-S-D1.2 |

Divided nasal tips for patient monitoring and oxygen application

AEROPart® – Oxygen Safety Tubing

Oxygen safety tubing made of transparent PVC, kink-resistant, in different lengths. Also available as DEHP-free versions.



Safety tubing with star lumen

| Length | Order number |
|---------|--------------|
| 0.33 m | HSS11-0.33 |
| 2.00 m | HSS11-2 |
| 3.00 m | HSS11-3 |
| 7.50 m | HSS11-7.5 |
| 10.00 m | HSS11-10 |
| 15.00 m | HSS11-15 |

Safety tubing with star lumen | DEHP-free

| Length | Order number |
|---------|--------------|
| 0.33 m | HSS13-0.33 |
| 2.00 m | HSS13-2 |
| 3.00 m | - |
| 7.50 m | HSS13-7.5 |
| 10.00 m | HSS13-10 |
| 15.00 m | HSS13-15 |

AEROPart® – Oxygen Masks

Oxygen masks made of transparent PVC, for children or adults, with moldable nose clip and elastic head strap.

DIFFERENT TYPES:

- With kink-resistant oxygen safety tubing 1 3
- With reservoir bag and kink-resistant oxygen safety tubing 2
- DEHP-free 3



| Patient group | Model | Order number |
|---------------|--|--------------|
| Adults | With O ₂ tubing | 1 HSM11-E |
| | With reservoir bag and O ₂ tubing | 2 HSM11-EB |
| | With O ₂ tubing, DEHP-free | 3 HSM13-E |
| Children | With O ₂ tubing | 1 HSM11-K |
| | With reservoir bag and O ₂ tubing | 2 HSM11-KB |
| | With O ₂ tubing, DEHP-free | 3 HSM13-K |

Additional DEHP-free variants available upon request

AEROPart® – Venturi Masks

NEW

Single-use venturi masks for adults or children, consisting of mask with 2 colour-coded, adjustable valves (diluters), moldable nose clip, elastic head strap and kink-proof 2.1 m oxygen safety tubing. For the inhalation / insufflation of medical oxygen with increased oxygen concentration.



| Patient group | Order number |
|---------------|--------------|
| Adults | HSMV11-E-BV |
| Children | HSMV11-K-BV |

AEROPart® – Aerosol Inhalation Sets

Single-use aerosol inhalation sets for adults or children, consisting of mask with moldable nose clip, elastic head strap, 6 ml medication nebulizer and kink-resistant 2 m oxygen safety tubing.



| Patient group | Order number | LAST CHANCE |
|---------------|--------------|-------------|
| Adults | 1 HAI11-E | LAST CHANCE |
| | 2 HAI12-E | |
| | 3 HAI13-E | DEHP |
| Children | 1 HAI11-K | LAST CHANCE |
| | 2 HAI12-K | |
| | 3 HAI13-K | DEHP |

AEROPart® – Tubing Connectors

Tubing connectors rigid or straight, rotatable, straight as well as T-shape, for 6 mm tubing.



| Model | Order number |
|---------------------------------|--------------|
| Straight, rigid, transparent | 1 HSV11-6 |
| Straight, 360° rotatable, white | 2 HSV01-6D |
| T-shape, rigid, transparent | 3 HSV11-6-Y |

AEROvent® – Bacterial and Viral Filters with HME | Ventilation Filters

Electrostatic bacterial and viral filters with heat and moisture exchanger (HME) with Luer-Lock port for filtration as well as heating and humidification of the respiratory air. With translucent housing for good moisture control.

- Ideal electrostatic filtration
- Optimal humidification and filtration performance
- With Luer-Lock port for CO₂ measurement
- For adults ①, children ② and neonates ③

Filtration efficiency: Bacteria 99.998 % | Viruses 99.96 % Filtration efficiency: Bacteria 99.99 % | Viruses 99.96 % Filtration efficiency: Bacteria 99.998 % | Viruses 99.96 %



| Tidal volume (VT) | Moisture output | Resistance | ISO connections | Internal volume | Weight | Packaging | Order number |
|-------------------|---|------------------------|---------------------|-----------------|-------------------|-------------|--------------|
| 150 - 1500 ml | 39 mg H ₂ O/l at VT 1000 ml | 0.79 mbar at 30 l/min | 22 mmM - 15/22 mmMF | 55 ml | approx. 0.035 kg | SU = 50 pcs | ① HBF21-HFLS |
| 75 - 300 ml | 28.6 mg H ₂ O/l at VT 250 ml | 2.94 mbar at 15 l/min | 22F-15M / 22M-15F | 29 ml | approx. 0.022 kg | SU = 75 pcs | ② HBF21-HFLP |
| > 35 ml | 30.1 mg H ₂ O/l at VT 50 ml | 0.68 mbar at 7.5 l/min | 15M - 15F | 10 ml | approx. 0.0095 kg | SU = 75 pcs | ③ HBF21-HFLN |

AEROvent® – Bacterial and Viral Filters “Slimline” | Ventilation Filters

Electrostatic bacterial and viral filters for use in ventilation tubing systems for anesthesia and intensive care. Transparent housing for easy visualisation of potential blockages, individually packed.

- Slim and light-weight design – low tensile forces on patient connection
- Very low internal volume minimises risk of CO₂ rebreathing
- High efficiency filtration performance
- With or without Luer-Lock port for CO₂ measurement

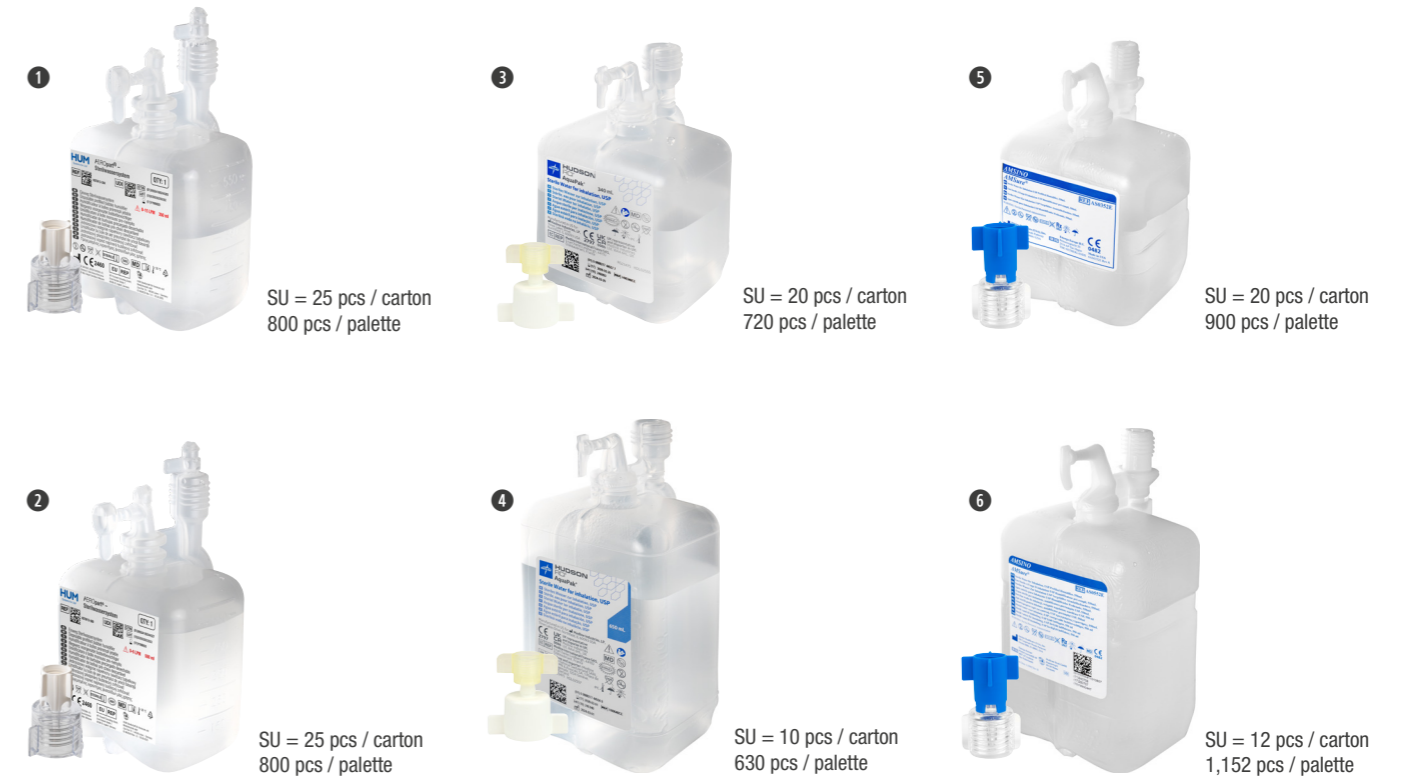
Filtration efficiency: Bacteria > 99.998 % | Viruses > 99.96 %



| Tidal volume (VT) | Resistance | ISO connections | Internal volume | Luer-Lock | Weight | Packaging | Order number |
|-------------------|------------------------|---------------------|-----------------|-----------|------------------|-------------|---------------|
| 150 - 1500 ml | 0.49 mbar bei 30 l/min | 22 mmM - 15/22 mmMF | 45 ml | yes | approx. 0.021 kg | SU = 50 pcs | ① HBF21-BFLS |
| | | 22F-15M 15F-22M | 77 ml | yes | approx. 0.024 kg | SU = 50 pcs | ② HBF21-BFLMG |
| | | 22 mmM - 15/22 mmMF | 45 ml | no | approx. 0.02 kg | SU = 50 pcs | ③ HBF21-BFS |

AEROpart® – Sterile Water Systems

Sterile water systems, pyrogen-free, including connection adapter UNF 9/16“ for direct connection to oxygen concentrators or pressure reducers, outlet connection for 6 mm tubing.



| Description | Contents | Performance / flow | Order number |
|--------------------------------------|----------|--------------------|--------------|
| AEROpart® – Sterile Water System 350 | 350 ml | 0 - 15 l/min | ① HSTW13-350 |
| AEROpart® – Sterile Water System 500 | 500 ml | 0 - 6 l/min | ② HSTW13-500 |
| Aquapak® 340 | 340 ml | 1.5 - 10 l/min | ③ HSTW01-340 |
| Aquapak® 650 | 650 ml | 1.5 - 10 l/min | ④ HSTW01-650 |
| AMSure® 350 | 350 ml | 1 - 15 l/min | ⑤ HSTW03-350 |
| AMSure® 550 | 550 ml | 1 - 15 l/min | ⑥ HSTW03-550 |

NEW
NEW

HUM
Systems for Life®

AEROWay® – Flowmeters

Fine ZGA | RTM3 Flowmeters

Flow continuously adjustable

Pressure-compensated flowmeters according to DIN EN ISO 15002, for connection to DIN couplings or wall boxes in rescue vehicles and hospitals.

- Constant and precise flow, continuously adjustable
- Connections: Inlet ZGA connector DIN 13260 | Outlet UNF 9/16"
- Inlet pressure 4.5 bar
- Robust body made of nickel-plated brass
- Flowmeter housing made of polyamide (PA)
- Integrated inlet filter

DIFFERENT MODELS

- Oxygen (O₂) | Compressed air (AIR)
- Direct connection DIN plug 13260 or 1.5 m pressure tubing with ZGA plug and bracket for wall rail claw

FOR USE ON A CENTRAL GAS SYSTEM

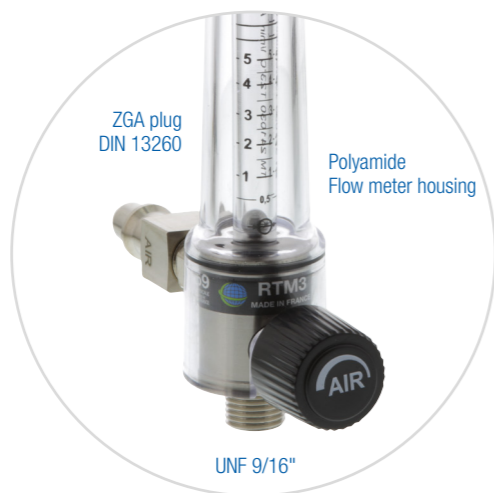


Retaining plate for insertion in wall rail claw

Pressure tubing with DIN plug



O₂ - Standard



ZGA plug DIN 13260

Polyamide Flow meter housing

UNF 9/16"



AIR - Standard

Single Flowmeters

| | | O ₂ flow | | | | Order number | |
|----------------|----------|---------------------|-----------|------------|------------|----------------|-------------------------------------|
| | | | | | | Connection | |
| | | 1.5 l/min | 5.0 l/min | 15.0 l/min | 30.0 l/min | ZGA plug | Pressure tubing 1.5 m with ZGA plug |
| O ₂ | Standard | ✓ | | | | HDM00-1.5F-ZGA | HDM00-1.5FS-ZGA |
| | | | ✓ | | | HDM00-5F-ZGA | HDM00-5FS-ZGA |
| | | | | ✓ | | HDM00-15F-ZGA | HDM00-15FS-ZGA |
| | | | | | ✓ | HDM00-30F-ZGA | HDM00-30FS-ZGA |
| AIR | Standard | ✓ | | | | HDM04-1.5F-ZGA | HDM04-1.5FS-ZGA |
| | | | ✓ | | | HDM04-5F-ZGA | HDM04-5FS-ZGA |
| | | | | ✓ | | HDM04-15F-ZGA | HDM04-15FS-ZGA |
| | | | | | ✓ | HDM04-30F-ZGA | HDM04-30FS-ZGA |

Other tubing lengths available upon request | Example product presentations

AEROWay® – Double Flowmeters

Fine ZGA | RTM3 Double Flowmeters

Flow continuously adjustable

Pressure-compensated flowmeters according to DIN EN ISO 15002, for connection to DIN couplings or wall boxes in rescue vehicles and hospitals.

- Constant and precise flow, continuously adjustable
- Connections: Inlet ZGA connector DIN 13260 | Outlet UNF 9/16"
- Inlet pressure 4.5 bar
- Robust body made of nickel-plated brass
- Flowmeter housing made of polyamide (PA)
- Integrated inlet filter

DIFFERENT MODELS

- Oxygen (O₂) | Compressed air (AIR)
- Direct connection DIN plug 13260 or 1.5 m pressure tubing with ZGA plug and bracket for wall rail claw

FLOWMETERS AS A DOUBLE VERSION, FOR USE ON A CENTRAL GAS SYSTEM

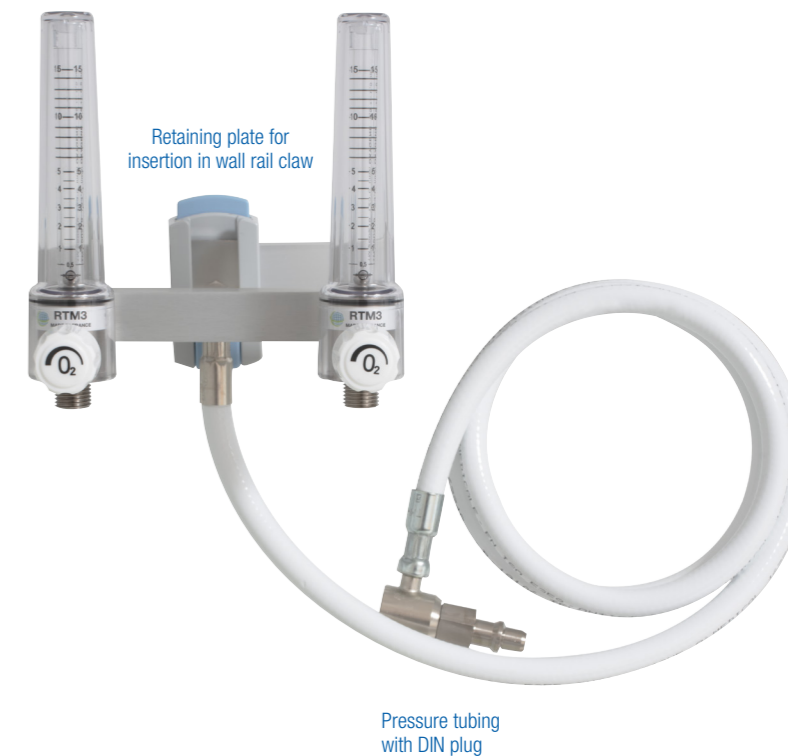
1 O₂ - Standard



ZGA plug DIN 13260

UNF 9/16"

2 AIR - Standard



Retaining plate for insertion in wall rail claw

Pressure tubing with DIN plug

Double Flowmeters

| | | O ₂ flow | | | | Order number | |
|----------------|----------|---------------------|-----------|------------|------------|-----------------|-------------------------------------|
| | | | | | | Connection | |
| | | 1.5 l/min | 5.0 l/min | 15.0 l/min | 30.0 l/min | ZGA plug | Pressure tubing 1.5 m with ZGA plug |
| O ₂ | Standard | ✓ | | | | HDM00-1.5F2-ZGA | HDM00-1.5F2S-ZGA |
| | | | ✓ | | | HDM00-5F2-ZGA | HDM00-5F2S-ZGA |
| | | | | ✓ | | HDM00-15F2-ZGA | HDM00-15F2S-ZGA |
| | | | | | ✓ | HDM00-30F2-ZGA | HDM00-30F2S-ZGA |
| AIR | Standard | ✓ | | | | HDM04-1.5F2-ZGA | HDM04-1.5F2S-ZGA |
| | | | ✓ | | | HDM04-5F2-ZGA | HDM04-5F2S-ZGA |
| | | | | ✓ | | HDM04-15F2-ZGA | HDM04-15F2S-ZGA |
| | | | | | ✓ | HDM04-30F2-ZGA | HDM04-30F2S-ZGA |

Other tubing lengths available upon request | Example product presentations

AEROWay® – Pressure Reducers

Fast | REGSON Pressure Reducers

Flow gradually adjustable

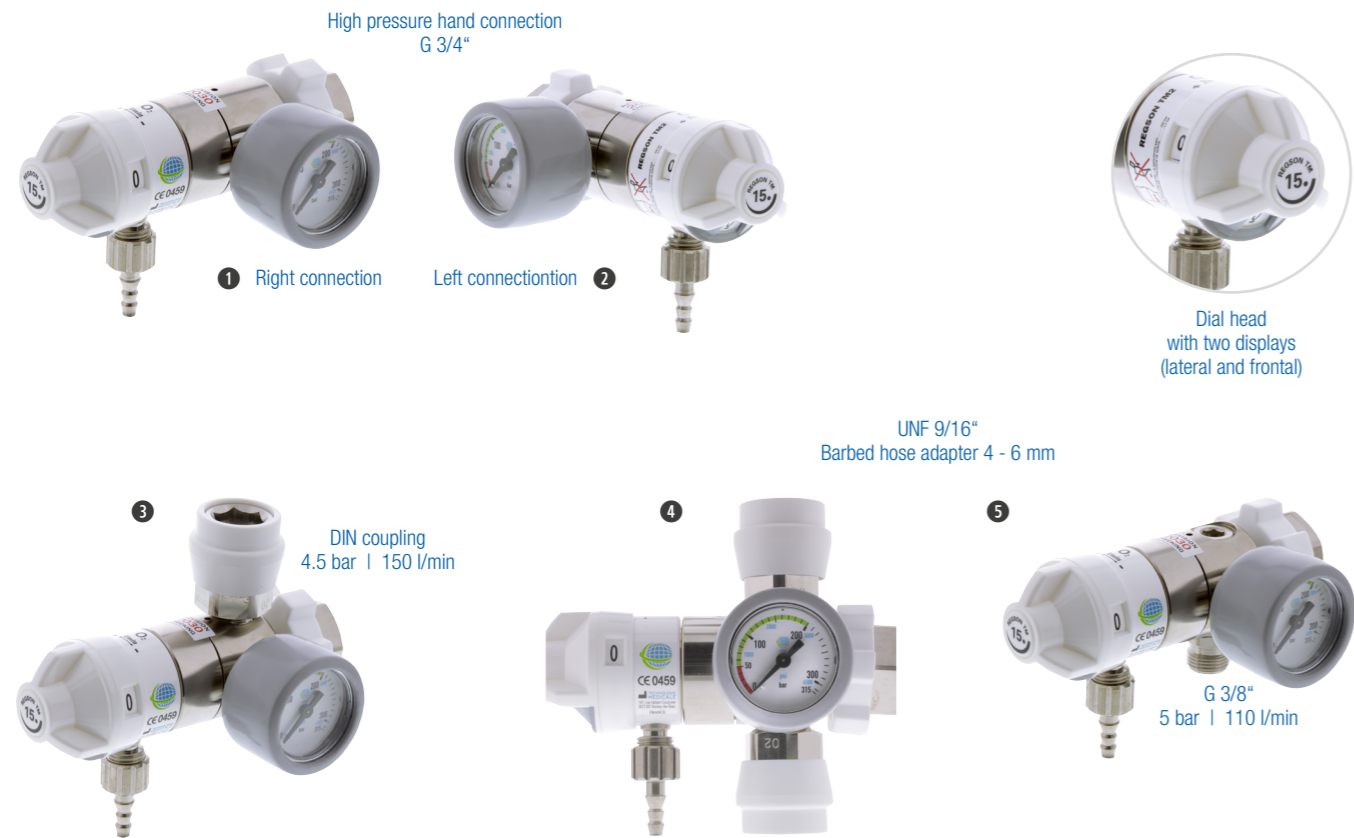
Pressure reducers according to DIN EN ISO 10524-1, as a compact version for emergency cases, bags and backpacks. Can be set directly to maximum flow from the starting position (flow = 0).

- Gradually adjustable flow
- High pressure hand connection G 3/4" for oxygen cylinders
- Outlet UNF 9/16" with barbed hose adapter 4 - 6 mm
- Inlet pressure 200 bar | Outlet pressure 4.5 bar
- In frontal view, the adjusted and adjacent flows are visible
- Robust body made of nickel-plated brass
- Integrated safety valve and inlet filter

DIFFERENT MODELS

- Right or left connection
- Additional outlets: for the connection of ventilators or demand valves

FOR EMERGENCY AND TRANSPORT CASES



Pressure Reducers | With right or left connection

| | Additional outlets | O ₂ flow Flow increments | | | | Order number | | |
|----------------|----------------------|---------------------------------------|---------|----------|---|-------------------------------------|------------------|-----------------|
| | | O ₂ flow | | | | Additional outlets | Right connection | Left connection |
| | | 1 l/min | 5 l/min | 15 l/min | 25 l/min | | | |
| O ₂ | Without | ✓ | | | | | 1 HDM01-1-KR | 2 HDM01-1-KL |
| | | | ✓ | | | | 1 HDM01-5-KR | 2 HDM01-5-KL |
| | | | | ✓ | | | 1 HDM01-15-KR | 2 HDM01-15-KL |
| | + Additional Outlets | | | | ✓ | | 1 HDM01-25-KR | 2 HDM01-25-KL |
| | | ✓ | | | | DIN coupling 4.5 bar 150 l/min | 3 HDM01-1-KRPS | HDM01-1-KLPS |
| | | | | ✓ | | | 3 HDM01-15-KRPS | HDM01-15-KLPS |
| | | | | ✓ | 2 x DIN coupling 4.5 bar 150 l/min | 3 HDM01-25-KRPS | HDM01-25-KLPS | |
| | | ✓ | | | | 4 HDM01-15-KRPS2 | HDM01-15-KLPS2 | |
| | | | ✓ | | G 3/8" 5.0 bar 110 l/min | 5 HDM01-15-KRSA | HDM01-15-KLSA | |

Continuous flow also between 2 flow increments | Example product presentations

AEROWay® – Pressure Reducers

Fast | REGSON Pressure Reducers

Flow gradually adjustable

Pressure reducers according to DIN EN ISO 10524-1, for portable oxygen devices and mobile oxygen standing devices.

- Gradually adjustable flow
- High pressure hand connection G 3/4" (O₂) | G 5/8" (AIR)
- Outlet UNF 9/16" with barbed hose adapter 4 - 6 mm
- Inlet pressure 200 bar | Outlet pressure 4.5 bar
- In frontal view, the adjusted and adjacent flows are visible
- Robust body made of nickel-plated brass
- Integrated safety valve and inlet filter

DIFFERENT MODELS

- Oxygen (O₂) | Compressed air (AIR)
- Additional outlets: Ventilation | Suction | DIN coupling 13260

FOR PORTABLE AND MOBILE OXYGEN DEVICES



PRESSURE REDUCERS WITH ADDITIONAL OUTLETS



UNF 9/16" Barbed hose adapter 6 mm

High pressure hand connection G 3/4"

Pressure Reducers - O₂

| O ₂ flow Flow increments | Order number |
|--|--------------|
| 1 l/min 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1.0 l/min | HDM01-1 |
| 5 l/min 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min | HDM01-5 |
| 15 l/min 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 l/min | HDM01-15 |
| 25 l/min 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 l/min | HDM01-25 |
| 50 l/min 0 - 5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 50 l/min | HDM01-50 |

Continuous flow also between 2 flow increments | Example product presentations

Pressure Reducers - AIR

| O ₂ flow Flow increments | Inlet | Outlet | Order number |
|---|--------|-----------------------|--------------|
| 15 l/min 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 l/min | G 5/8" | UNF 9/16" and adapter | HDM04-15 |

Example product presentations

AEROWay® – Pressure Reducers

Fine | REGFLOW Pressure Reducers

Flow continuously adjustable

Pressure reducers with pressure-compensated flowmeter according to DIN EN ISO 10524-1, for mobile oxygen devices.

- Continuously adjustable oxygen dosage
- High pressure hand connection G 3/4"
- Outlet UNF 9/16" with barbed hose adapter 4 - 6 mm
- Inlet pressure 200 bar | Outlet pressure 4.5 bar
- Robust body made of nickel-plated brass
- Flowmeter housing made of polyamide (PA)
- Integrated safety valve and inlet filter

FOR MOBILE OXYGEN STANDING DEVICES

Pressure Reducers - O₂

| O ₂ flow | Order number |
|---------------------|--------------|
| 1.5 l/min | HDM00-1.5 |
| 5.0 l/min | HDM00-5 |
| 15.0 l/min | HDM00-15 |
| 30.0 l/min | HDM00-30 |



UNF 9/16" Barbed hose adapter 4 - 6 mm

High pressure hand connection G 3/4"

Example product presentations

AEROWay® – Flow Regulators

Flow gradually adjustable

Fast ZGA | DEBSON2 Flow Regulators

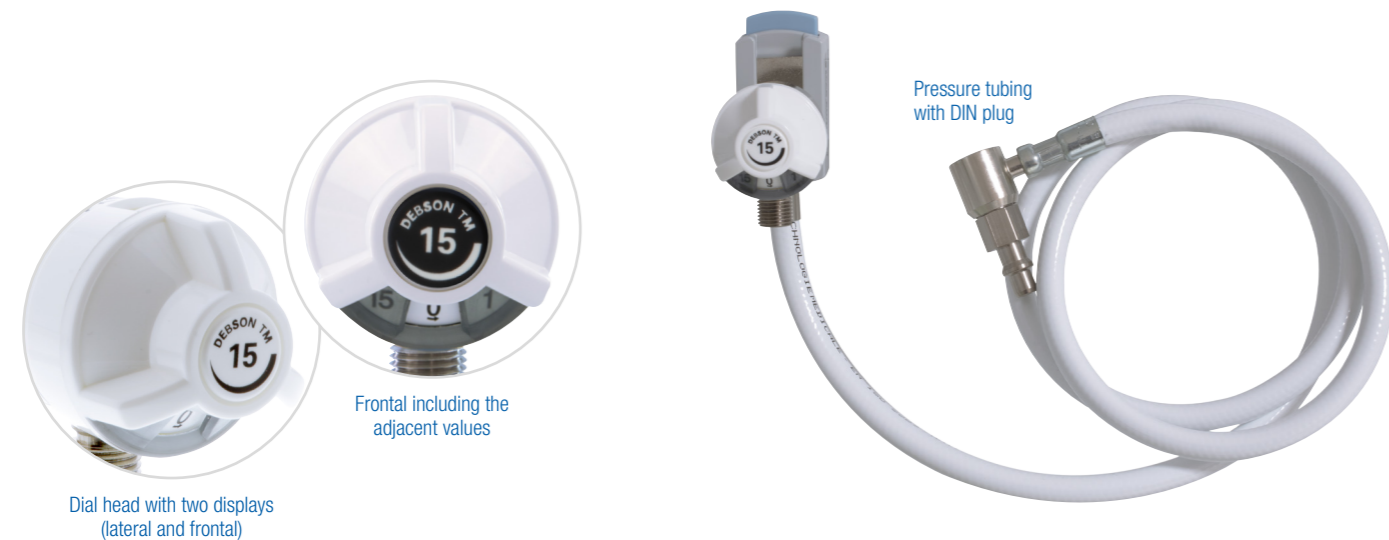
Flow regulators according to DIN EN ISO 15002, for connection to DIN couplings or wall boxes in rescue vehicles and hospitals. Clear and quick handling thanks to the Easy Click-setting.

- Constant and precise flow, gradually adjustable
- Connections: Inlet ZGA connector DIN 13260 | Outlet UNF 9/16"
- Inlet pressure 4.5 bar
- Robust body made of nickel-plated brass
- Integrated inlet filter

DIFFERENT MODELS

- Oxygen (O₂) | Compressed air (AIR)
- Direct connection DIN plug 13260 or 1.5 m pressure tubing with ZGA plug and bracket for wall rail claw

FOR USE ON A CENTRAL GAS SYSTEM



Single Flow Regulators



| | | O ₂ flow Flow increments | | | | | Order number | |
|----------------|----------|--|---------|----------|----------|----------|--------------|-------------------------------------|
| | | 1 l/min 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1.0 l/min 5 l/min 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min 15 l/min 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 l/min 25 l/min 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 l/min 50 l/min 0 - 5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 50 l/min | | | | | Connection | |
| | | 1 l/min | 5 l/min | 15 l/min | 25 l/min | 50 l/min | ZGA plug | Pressure tubing 1.5 m with ZGA plug |
| O ₂ | Standard | ✓ | | | | | HDM01-1-ZGA | HDM01-1S-ZGA |
| | | | ✓ | | | | HDM01-5-ZGA | HDM01-5S-ZGA |
| | | | | ✓ | | | HDM01-15-ZGA | HDM01-15S-ZGA |
| | | | | | ✓ | | HDM01-25-ZGA | HDM01-25S-ZGA |
| | | | | | | ✓ | HDM01-50-ZGA | HDM01-50S-ZGA |
| AIR | Standard | ✓ | | | | | HDM04-1-ZGA | HDM04-1S-ZGA |
| | | | ✓ | | | | HDM04-5-ZGA | HDM04-5S-ZGA |
| | | | | ✓ | | | HDM04-15-ZGA | HDM04-15S-ZGA |
| | | | | | ✓ | | HDM04-25-ZGA | HDM04-25S-ZGA |
| | | | | | | ✓ | HDM04-50-ZGA | HDM04-50S-ZGA |

Continuous flow also between 2 flow increments | Example product presentations

AEROWay® – Double Flow Regulators

Flow gradually adjustable

Fast ZGA | DEBSON2 Double Flow Regulators

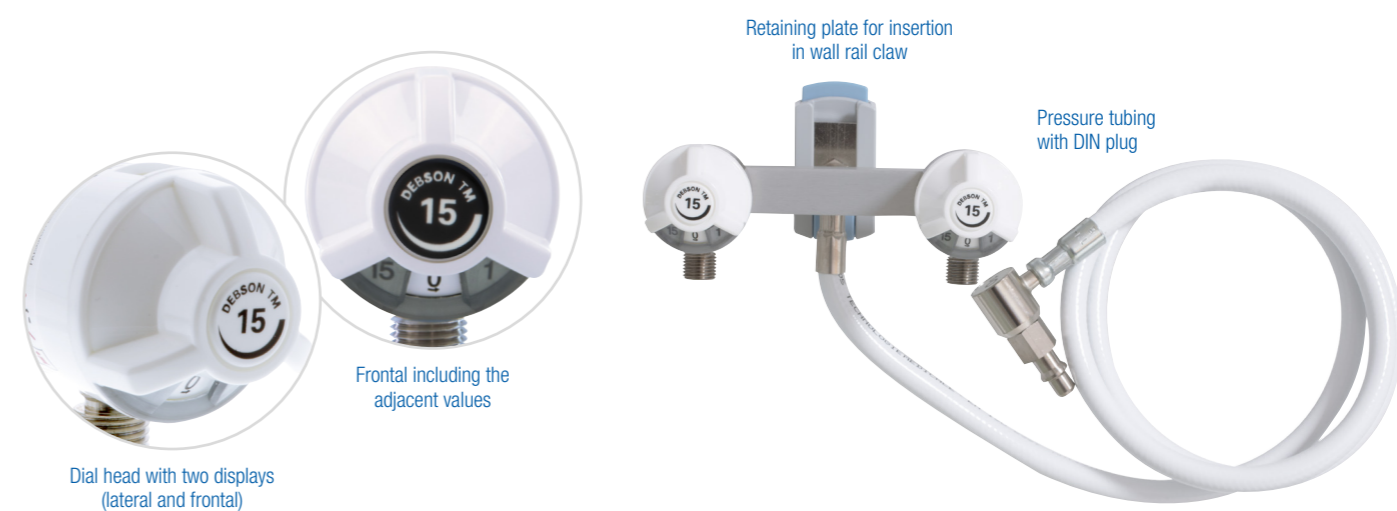
Flow regulators according to DIN EN ISO 15002, for connection to DIN couplings or wall boxes in rescue vehicles and hospitals. Clear and quick handling thanks to the Easy Click-setting.

- Constant and precise flow, gradually adjustable
- Connections: Inlet ZGA connector DIN 13260 | Outlet UNF 9/16"
- Inlet pressure 4.5 bar
- Robust body made of nickel-plated brass
- Integrated inlet filter

DIFFERENT MODELS

- Oxygen (O₂) | Compressed air (AIR)
- Direct connection DIN plug 13260 or 1.5 m pressure tubing with ZGA plug and bracket for wall rail claw

FLOW REGULATORS AS A DOUBLE VERSION, FOR USE ON A CENTRAL GAS SYSTEM



Double Flow Regulators



| | | O ₂ flow Flow increments | | | | | Order number | |
|----------------|----------|--|---------|----------|----------|----------|----------------|-------------------------------------|
| | | 1 l/min 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1.0 l/min 5 l/min 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min 15 l/min 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 l/min 25 l/min 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 l/min 50 l/min 0 - 5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 50 l/min | | | | | Connection | |
| | | 1 l/min | 5 l/min | 15 l/min | 25 l/min | 50 l/min | ZGA plug | Pressure tubing 1.5 m with ZGA plug |
| O ₂ | Standard | ✓ | | | | | HDM01-1X2-ZGA | HDM01-1X2S-ZGA |
| | | | ✓ | | | | HDM01-5X2-ZGA | HDM01-5X2S-ZGA |
| | | | | ✓ | | | HDM01-15X2-ZGA | HDM01-15X2S-ZGA |
| | | | | | ✓ | | HDM01-25X2-ZGA | HDM01-25X2S-ZGA |
| | | | | | | ✓ | HDM01-50X2-ZGA | HDM01-50X2S-ZGA |
| AIR | Standard | ✓ | | | | | HDM04-1X2-ZGA | HDM04-1X2S-ZGA |
| | | | ✓ | | | | HDM04-5X2-ZGA | HDM04-5X2S-ZGA |
| | | | | ✓ | | | HDM04-15X2-ZGA | HDM04-15X2S-ZGA |
| | | | | | ✓ | | HDM04-25X2-ZGA | HDM04-25X2S-ZGA |
| | | | | | | ✓ | HDM04-50X2-ZGA | HDM04-50X2S-ZGA |

Continuous flow also between 2 flow increments | Example product presentations

AEROWay® – Pressure Reducers

Fix I | MINIREG Pressure Reducers

Compact pressure reducers according to DIN EN ISO 10524-1, for emergency medicine.

- With fixed oxygen dosage
- High pressure hand connection G 3/4"
- Outlet UNF 9/16" with barbed hose adapter 4 - 6 mm
- Inlet pressure 200 bar | Outlet pressure 1.6 bar

FOR EMERGENCY MEDICINE

- Robust body made of nickel-plated brass
- Shock-protected cylinder content manometer
- Integrated safety valve and inlet filter

High pressure hand connection
G 3/4"



UNF 9/16"
Barbed hose adapter 6 mm

Pressure Reducers Fix I

| O ₂ flow | Order number |
|---------------------|--------------|
| 2 l/min | HDM03-1.6/2 |
| 4 l/min | HDM03-4 |
| 5 l/min | HDM03-1.6/5 |
| 6 l/min | HDM03-6 |
| 8 l/min | HDM03-8 |
| 10 l/min | HDM03-10 |

Example product presentations

Flow fixed

AEROWay® – Pressure Reducers

Fix II | DETREG Pressure Reducers

Pressure reducers according to DIN EN ISO 10524-1, for supplying medical devices. Available with additional outlets.

- With fixed oxygen dosage
- High pressure hand connection G 3/4" or G 5/8"
- Outlet G 3/8"
- Inlet pressure 200 bar | Outlet pressure 3.5 bar | 4.5 bar | 5 bar
- Robust body made of nickel-plated brass
- Shock-protected cylinder content manometer
- Integrated safety valve and inlet filter

High pressure hand connection
G 3/4" (O₂)
G 5/8" (AIR)



G 3/8"

Pressure Reducers Fix II

| | O ₂ flow | Pressure | Additional outlets | Order number | |
|----------------|---------------------|-----------|-----------------------------|------------------|-----------------|
| | | | | Right connection | Left connection |
| O ₂ | 160 l/min | 3.5 bar | - | HDM02-3.5 | HDM02-3.5-L |
| | 180 l/min | 4.5 bar | - | HDM02-4.5 | HDM02-4.5-L |
| | 200 l/min | 5.0 bar | - | HDM02-5.0 | HDM02-5.0-L |
| | 150 l/min | 4.5 bar | DIN coupling 4.5 bar | HDM02-4.5-PS | HDM02-4.5-PS-L |
| | 150 l/min | 4.5 bar | 2 x DIN coupling 4.5 bar | HDM02-4.5-PS2 | HDM02-4.5-PS2-L |
| | 180 l/min | 5.0 bar | DIN coupling 5.0 bar | HDM02-5.0-PS | HDM02-5.0-PS-L |
| | AIR | 160 l/min | 3.5 bar | - | HDM04-3.5 |
| 180 l/min | | 4.5 bar | - | HDM04-4.5 | HDM04-4.5-L |
| 200 l/min | | 5.0 bar | - | HDM04-5.0 | HDM04-5.0-L |
| 150 l/min | | 4.5 bar | DIN coupling 4.5 bar | HDM04-4.5-PS | HDM04-4.5-PS-L |
| 180 l/min | | 5.0 bar | DIN coupling 4.5 bar | HDM04-5.0-PS | HDM04-5.0-PS-L |

Example product presentations

Pressure fixed

Outlet DIN coupling



G 3/8"



Upon request, some of the devices are also available with other flow rates, further tubing lengths and with country-specific connections

AEROWay® – Spare Parts

Barbed Hose Adapters

Barbed hose adapters for 6 mm tubing, chrome-plated, different versions: straight-rigid, straight-movable or angled-movable (rotatable by 360°), different thread types, with internal or external thread.



| Type | Inlet thread | | Order Number |
|------------------|-----------------|-----------------|--------------|
| | Internal thread | External thread | |
| Straight-rigid | G 3/8" | | ① HSA01-6 |
| | UNF 9/16" | | ② HSA04-6 |
| | | UNF 9/16" | ③ HSA04-6-A |
| Straight-movable | M12x1.25 | | ④ HSA05-6 |
| | G 3/8" | | ⑤ HSA01-6-B |
| | UNF 9/16" | | ⑥ HSA04-6-B |
| | | M12x1 | ⑦ HSA06-6-BA |
| | | M14x1 | ⑧ HSA07-6-BA |
| Angled-movable | G 3/8" | | ⑨ HSA01-6-BW |

AEROWay® – Maintenances

Maintenance

Maintenances for AEROWay® – Pressure Reducers, Flow Regulators and Flowmeters.

„EXCHANGE instead of REPAIR and SAVE COSTS!“

The following applies to AEROWay® - Pressure Reducers older than 10 years or third-party products:
Send in your old or third-party device and receive a comparable new device at a special price!

| Device every 5 years | Order number |
|---|----------------------|
| Fix II DETREG Pressure Reducers (O ₂) | HRP01-DM02-STK |
| Fix I MINIREG Pressure Reducers (O ₂) | HRP01-DM03-STK |
| Fix II DETREG Pressure Reducers (AIR) | HRP01-DM04-FIXII-STK |
| Fast REGSON Pressure Reducers (AIR) | HRP01-DM04-STK |
| Fast DEBSON2 Flow Regulators (AIR) | HRP01-DM04-ZGA-STK |

| Device every 5 years | Order number |
|--|--------------------|
| Fine REGFLOW Pressure Reducers (O ₂) | HRP01-DM00-STK |
| Fine RTM3 Flowmeters (O ₂) | HRP01-DM00-ZGA-STK |
| Fast REGSON Pressure Reducers (O ₂) | HRP01-DM01-STK |
| Fast DEBSON2 Flow Regulators (O ₂) | HRP01-DM01-ZGA-STK |

Pressurised Gas Cylinders Oxygen

Filled pressurised gas cylinders or cylinder fillings with oxygen for medical purposes, breathing at high altitude or for food purposes, filling pressure 200 bar. Equipped with residual pressure valve, standardised connection threads according to DIN 477, cylinder bodies made of steel or aluminium.

Wholesale Permit acc. Section 52a AMG required!*



Example product presentations

Oxygen for medical purposes – O₂ med.

| Material | Volume | Contents | Ø | Length | Weight | Order number | |
|-----------|--------|----------|--------|---------|----------|---------------|------------------|
| | | | | | | Bottle filled | Filling |
| Steel | 0.3 l | 60 l | 60 mm | 265 mm | 1.35 kg | HFL11-03 | HFL01-03-FÜLL |
| | 0.8 l | 160 l | 83 mm | 310 mm | 2.10 kg | HFL11-08 | HFL01-08-FÜLL |
| | 1.0 l | 200 l | 83 mm | 355 mm | 2.40 kg | HFL11-1 | HFL01-1-FÜLL |
| | 2.0 l | 400 l | 100 mm | 430 mm | 3.60 kg | HFL11-2 | HFL01-2-FÜLL |
| | 3.0 l | 600 l | 100 mm | 580 mm | 4.80 kg | HFL11-3 | HFL01-3-FÜLL |
| | 5.0 l | 1000 l | 140 mm | 530 mm | 10.05 kg | HFL11-5 | HFL01-5-FÜLL |
| Aluminium | 10.0 l | 2000 l | 140 mm | 915 mm | 15.90 kg | HFL11-10 | HFL01-10-FÜLL |
| | 2.0 l | 400 l | 102 mm | 360 mm | 2.80 kg | HFL11-2-LA | HFL01-2-LA-FÜLL |
| | 10.0 l | 2000 l | 140 mm | 1045 mm | 13.00 kg | HFL11-10-LA | HFL01-10-LA-FÜLL |

Oxygen for breathing at high altitude – O₂

| Material | Volume | Contents | Ø | Length | Weight | Order number | |
|-----------|--------|----------|--------|--------|----------|---------------|-----------------|
| | | | | | | Bottle filled | Filling |
| Steel | 0.8 l | 160 l | 83 mm | 310 mm | 2.10 kg | HFL07-08 | HFL07-08-FÜLL |
| | 1.0 l | 200 l | 83 mm | 355 mm | 2.40 kg | HFL07-1 | HFL07-1-FÜLL |
| | 2.0 l | 400 l | 100 mm | 430 mm | 3.60 kg | HFL07-2 | HFL07-2-FÜLL |
| | 3.0 l | 600 l | 100 mm | 580 mm | 4.80 kg | HFL07-3 | HFL07-3-FÜLL |
| | 5.0 l | 1000 l | 140 mm | 530 mm | 10.05 kg | HFL07-5 | HFL07-5-FÜLL |
| | 10.0 l | 2000 l | 140 mm | 915 mm | 15.90 kg | HFL07-10 | HFL07-10-FÜLL |
| Aluminium | 2.0 l | 400 l | 105 mm | 445 mm | 2.85 kg | HFL07-2-LA | HFL07-2-LA-FÜLL |

Oxygen for food purposes – O₂ E948

| Material | Volume | Contents | Ø | Length | Weight | Order number | |
|----------|--------|----------|--------|--------|----------|---------------|---------------|
| | | | | | | Bottle filled | Filling |
| Steel | 2.0 l | 400 l | 100 mm | 430 mm | 3.60 kg | HFL18-2 | HFL18-2-FÜLL |
| | 5.0 l | 1000 l | 140 mm | 530 mm | 10.05 kg | HFL18-5 | HFL18-5-FÜLL |
| | 10.0 l | 2000 l | 140 mm | 915 mm | 15.90 kg | HFL18-10 | HFL18-10-FÜLL |

*Please note that a Wholesale Permit acc. Section 52a AMG is required when placing your first order of pressurised gas cylinders for medical purposes because only pharmacies, doctors, hospitals, non-medical practitioners and pharmaceutical entrepreneurs are entitled to purchase!

Pressurised Gas Cylinders Compressed Air Nitrous Oxide | Carbon Dioxide

Filled pressurised gas cylinders or cylinder fillings with compressed air, nitrous oxide or carbon dioxide for medical purposes. Equipped with residual pressure valve (only CO₂), standardised connection threads according to DIN 477 and cylinder bodies made of steel.

Wholesale Permit acc. Section 52a AMG required!*

Upon request, you will receive additional sizes as well as ZÜS assessments, lacquering in connection with a cylinder filling, cylinders with customer-specific embossing and empty pressurised gas cylinders



Example product presentations

Compressed Air – AIR

| Material | Volume | Contents | Ø | Length | Weight | Order number | |
|----------|--------|----------|--------|--------|----------|---------------|---------------|
| | | | | | | Bottle filled | Filling |
| Steel | 2.0 l | 400 l | 100 mm | 430 mm | 3.60 kg | HFL04-2 | HFL04-2-FÜLL |
| | 3.0 l | 600 l | 100 mm | 580 mm | 5.60 kg | HFL04-3 | HFL04-3-FÜLL |
| | 5.0 l | 1000 l | 140 mm | 530 mm | 10.05 kg | HFL04-5 | HFL04-5-FÜLL |
| | 10.0 l | 2000 l | 140 mm | 915 mm | 15.90 kg | HFL04-10 | HFL04-10-FÜLL |

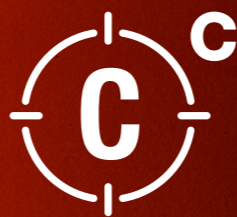
Nitrous Oxide | N₂O

| Material | Volume | Contents | Ø | Length | Weight | Order number | |
|----------|--------|----------|--------|--------|----------|---------------|---------------|
| | | | | | | Bottle filled | Filling |
| Steel | 2.0 l | 1.50 kg | 100 mm | 430 mm | 3.60 kg | HFL05-2 | HFL05-2-FÜLL |
| | 10.0 l | 7.50 kg | 140 mm | 915 mm | 15.90 kg | HFL05-10 | HFL05-10-FÜLL |

Carbon Dioxide for medical purposes – CO₂

| Material | Volume | Contents | Ø | Length | Weight | Order number | |
|----------|--------|----------|--------|--------|----------|---------------|-----------------|
| | | | | | | Bottle filled | Filling |
| Steel | 10.0 l | 7.50 kg | 140 mm | 915 mm | 18.00 kg | HFL16-10 | HFL16-10-FÜLL |
| | 13.4 l | 7.50 kg | 140 mm | 915 mm | 18.00 kg | HFL16-13.4 | HFL16-13.4-FÜLL |

*Please note that a Wholesale Permit acc. Section 52a AMG is required when placing your first order of pressurised gas cylinders for medical purposes because only pharmacies, doctors, hospitals, non-medical practitioners and pharmaceutical entrepreneurs are entitled to purchase!



CIRCULATION

(MARCH: C – CIRCULATION / xABCDE: C – CIRCULATION)

Assessment of the circulatory status by checking the pulse, pulse rate, pulse quality, and blood pressure, as well as by recognizing signs of shock. First, the pulse of the casualty is checked at the wrist and neck; a palpable pulse at the wrist indicates adequate blood pressure, and then the exact pulse rate and quality are recorded. This procedure corresponds to the C-step (“Circulation”) in the MARCH and xABCDE schemes, in which the circulatory status is structured and assessed.

This is followed by further hemorrhage control, the placement of suitable access points and – depending on the situation – the initiation of volume or shock therapy. In addition, all extremities are checked for injuries and stability, and the abdomen and pelvis are checked for signs of internal or external injuries; during this process, abnormalities such as haematomas, malpositions or other irregularities can be identified. Within the framework of the C-step of both schemes, potentially relevant internal bleeding spaces are also specifically considered.

We provide the following products for the optimal execution of the measures.

AEROcheck® – Aneroid Sphygmomanometers

One-tube System | Two-tube System

High-quality aneroid sphygmomanometers, available as a one-tube system ① and two-tube system ②, for use on the upper arm. With extra shock-protected housing and large, easy-to-read scale, suitable for all medical areas. Supplied with a cuff for adults and a storage bag; further cuffs are available separately.

- Measurement range: 0 - 300 mmHg
- High measuring accuracy
- Resolution: 2 mmHg
- Pressure reduction rate: 2 - 3 sec
- 6 cm dial with extra shock protection ring
- Corrosion-free manometer
- Tubing length: 70 cm
- Push-in connection for a quick change of the cuff
- Washable nylon cuff cover
- Flexibly adjustable hook-and-loop cuff without a bothersome D-Ring

One-tube system

The one-tube technology ensures easy handling and impresses with its lightweight and compact design.

Two-tube system

The sphygmomanometer with two-tube system enables a faster and more precise inflation of the cuff thanks to the distribution of the pump strokes.



| Description | Materials | Dimensions (W x H x D) | Weight | Order number |
|-----------------|--|------------------------|---------|----------------------|
| One-tube system | Stainless steel, chrome plated ABS (device), nylon (cuff, bag) | 18.5 x 11 x 7.5 cm | 0.45 kg | ① HBDM01-S1M60E1-BLK |
| Two-tube system | | | 0.50 kg | ② HBDM01-S2M60E1-BLK |

AEROcheck® – Aneroid Sphygmomanometer | Accessories and Spare Parts



| Description | Material | Colour | Circumference | Order number | |
|----------------------------|----------|--------|----------------|-------------------|-----------------|
| | | | | ① One-tube | ② Two-tube |
| Cuff for children | Nylon | Black | 18.4 - 26.7 cm | HBDM01-KMS1K1-BLK | HBDM01-KMK1-BLK |
| Cuff for adults | | | 25.4 - 40.6 cm | HBDM01-KMS1E1-BLK | HBDM01-KME1-BLK |
| Cuff for large adults (XL) | | Red | 33 - 51 cm | HBDM01-KMS1XL1-R | HBDM01-KMXL1-R |

AEROcheck® – Stethoscopes Single Head and Dual Head

High-quality and robust stethoscopes, available as single head ❶ or dual head version ❷. Also suitable for use with sphygmomanometers, such as the AEROcheck® – Aneroid Sphygmomanometers.

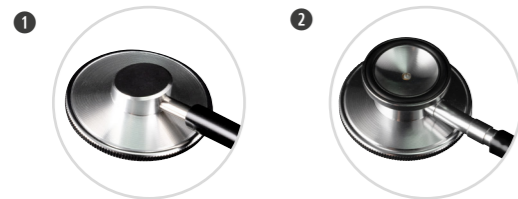
- Reusable
- Suitable for adults
- Easy to use
- Robust and solid workmanship, particularly durable
- Very good sound transmission due to PVC tubing

Single head stethoscope:

Stethoscope for indirect listening (auscultation) of the internal organs, especially of the heart and lungs, ideal for quick and frequent use. Very good sound transmission, robust workmanship, durable and latex-free.

Dual head stethoscope:

Suitable for multifunctional use and daily application. Lightweight and robust model, with high acoustic quality thanks to the ultra-sensitive membrane – for transmitting high frequencies and isolating low frequencies.



| Description | Materials | Total length | Weight | Order number |
|-------------------------|---|-----------------|-----------------|---------------------|
| Single head stethoscope | PVC (Tubing), Aluminium alloy, anodized (chest-piece) | approx. 75 cm | approx. 0.08 kg | ❶ HSTKP01-E01-E-BLK |
| Dual head stethoscope | | approx. 77.5 cm | approx. 0.09 kg | ❷ HSTKP02-E01-E-BLK |

AEROcheck® – Diagnostic Lamp

Reusable diagnostic lamp, suitable for general examination as well as approved and tested for eye diagnostics. Lightweight and compact pen shape, robustly manufactured and particularly durable. Bright and targeted light, with replaceable light source. Delivery including batteries.

- Approved and tested for eye diagnostics
- Ideal everyday companion in tactical operations
- Colour temperature: 3200 Kelvin (K) – warm white light
- Consisting of diagnostic light, spring clip, lamp, 2 batteries (type 1.5 V AAA)



| Description | Material | Dimensions | Weight | Order number |
|--|----------------|---------------------------------------|------------------|--------------|
| Diagnostic light with spring clip, lamp as well as 2 batteries | Aluminum alloy | approx. 14 cm long, Ø approx. 0.11 cm | approx. 0.03 kg* | HDL01-AL01-R |

*Including batteries

AEROcheck® – Neurological Reflex Hammer

Reusable reflex hammer according to Buck, for neurological stimulus and reflex testing, with needle and brush for sensitivity testing. Design and quality guarantee comfort, safety and reliability to the user.

- Particularly suitable for neurology as well as general medical practice needs and emergency medical service
- Lightweight model, with stable handle
- Made from a zinc alloy
- Integrated additional instruments for sensitivity testing ❶



| Description | Material | Dimensions | Weight | Order number |
|---|--------------------------------------|--|------------------|--------------|
| Neurological reflex hammer, with hammer handle and head, needle and brush | Zinc alloy, Polyvinyl Chloride (PVC) | approx. 5.6 x 18.6 cm (W x L) Ø handle approx. 1.3 cm | approx. 0.075 kg | HRFH01-P01 |

AEROuse – EASY Gloves Guard | Single-Use Nitrile Gloves

NEW

High-quality single-use examination and protective gloves according to DIN EN 455, made of blue nitrile, powder- and latex-free as well as elastic. With extended cuffs and rolled edges for a secure hold. Available in sizes L and XL, packed in pairs and non-sterile – ideal for tactical medicine, emergency care, and missions under high stress.

- Available in sizes L and XL, colour blue
- Packed in pairs (2 pcs / polybag)
- Wall thickness finger approx. 0.08 mm, palm approx. 0.07 mm
- Extended cuffs with rolled edge – reliable hold, quick and easy to put on and take off
- Textured fingers – very good grip and excellent tactile sensitivity
- Ambidextrous



AQL 1.5



| Model name | Size | Material | Colour | Dimensions (L) | Order number |
|------------|------|--------------------------------|--------|----------------|----------------------|
| Guard | L | Nitrile butadiene rubber (NBR) | Blue | 290 mm | ❶ HHS11-G-PF3-B-L/2 |
| | XL | | | | ❷ HHS11-G-PF3-B-XL/2 |

AEROuse – EASY Gloves | Single-Use Gloves Nitrile

High-quality single-use examination and protective gloves made of blue or violet blue nitrile, powder- and latex-free, with beaded cuffs. The gloves are intended to be used to contribute to prevent cross contaminations in the framework of medical examinations and diagnostic / therapeutic procedures conducted under non-sterile conditions and protect users from substances and mixtures which are hazardous to health and harmful biological agents that may cause very serious consequences or irreversible damage to health.

- With beaded cuffs – reliable hold, quick and easy to put on and take off
- Textured fingers – very good grip and excellent tactile sensitivity
- Recommended for sensitive skin and latex allergy
- Suitable for food contact
- Ambidextrous

EU CONFORMITY

- Medical Device Class I according to Regulation (EU) 2017/745
- Medical examination gloves acc. DIN EN 455
- Protective gloves acc. DIN EN 420
- Tested acc. DIN EN 374 – reliable protection against chemicals and micro-organisms

+ Personal Protective Equipment (PPE) Category III according to Regulation (EU) 2016/425 (PPER)



Model Premium Guard

Complete list of applied standards as well as test chemicals available upon request

MODEL PREMIUM GUARD 1

- Available in sizes S - XL, colour blue
- Wall thickness finger approx. 0.14 mm | palm approx. 0.09 mm
- Length 290 mm (+/- 10 mm)

MODEL NITRILE LIGHT 2

- Available in sizes S - XL, colour violet blue
- Wall thickness finger approx. 0.09 mm | palm approx. 0.07 mm
- Length 240 mm

FIELDS OF APPLICATION

- Hospital
- Emergency medical service
- Medical practices
- Care facilities
- Kitchens, food processing etc.



Model Nitrile Light



Further models are available upon request

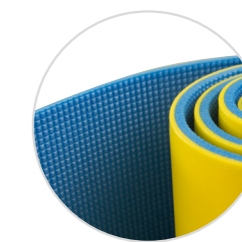
| Model names | Colour code | Sizes | Units* | Order number | |
|-----------------|-------------|-----------|-------------------|------------------|--------------------------|
| 1 Premium Guard | ● | S 6 - 7 | 100 | HHS01-PG-PF3-B-S | EN ISO 374-1:2016/Type B |
| | ● | M 7 - 8 | | HHS01-PG-PF3-B-M | |
| | ● | L 8 - 9 | | HHS01-PG-PF3-B-L | |
| | ● | XL 9 - 10 | HHS01-PG-PF3-B-XL | | |
| 2 Nitrile Light | ● | S 7 | 150 | HHS01-L-PF3-B-S | EN ISO 374-1:2016/Type C |
| | ● | M 8 | | HHS01-L-PF3-B-M | |
| | ● | L 9 | | HHS01-L-PF3-B-L | |
| | ● | XL 10 | HHS01-L-PF3-B-XL | | |

*Per dispenser box

AEROresc® – EASY Splint

Malleable universal splints for immobilization of almost all human limbs and the cervical spine. Light-weight, compact and space-saving and can be cut to any size. Suitable for numerous fields of application.

- With yellow outside and blue patient side or in olive green and grey for the tactical field
- Patient side with structured surface for a secure grip and better air circulation
- Soft padded sheath made of polyethylene foam IXPE, with aluminum core
- Radiolucent
- Waterproof, reusable



Better air circulation | Secure grip



Housed in a nylon case

EASY Splint – Individual splints

| Size | Dimensions (L x W) | Weight | Type | Order number |
|------|--------------------|------------------|--------|----------------|
| XS | 5 x 11 cm | approx. 0.004 kg | flat | 1 HIMT12-SP-XS |
| M | 50 x 11 cm | approx. 0.08 kg | rolled | 2 HIMT12-SP-M |
| L | 100 x 11 cm | approx. 0.16 kg | rolled | 3 HIMT12-SP-XL |

EASY Splint – Set and set replacement splints

| Size | Dimensions | Weight | Type | Order number |
|----------------------|------------------------------|------------------|---------------|--------------------|
| 2x XS 1x M 1x XL | 17.5 x 12 x 6 cm (W x H x D) | approx. 0.31 kg | Set | 6 HIMT12-SP-SET1 |
| XS | 5 x 11 cm (L x W) | approx. 0.004 kg | flat / rolled | 1 HIMT12-SP-XS |
| M | 50 x 11 cm (L x W) | approx. 0.08 kg | | 4 HIMT12-SP-M-SET |
| XL | 100 x 11 cm (L x W) | approx. 0.16 kg | | 5 HIMT12-SP-XL-SET |

DEFENCE



EASY Splint – Individual splints

| Size | Dimensions (L x W) | Weight | Type | Order number |
|------|--------------------|------------------|--------|-----------------|
| XS | 5 x 11 cm | approx. 0.004 kg | flat | 7 HIMT02-SPT-XS |
| M | 50 x 11 cm | approx. 0.08 kg | rolled | 8 HIMT02-SPT-M |
| L | 100 x 11 cm | approx. 0.16 kg | rolled | 9 HIMT02-SPT-XL |

EASY Splint – Set and set replacement splints

| Size | Dimensions | Weight | Type | Order number |
|----------------------|------------------------------|------------------|---------------|----------------------|
| 2x XS 1x M 1x XL | 17.5 x 12 x 6 cm (W x H x D) | approx. 0.31 kg | Set | 10 HIMT02-SPT-SET1 |
| XS | 5 x 11 cm (L x W) | approx. 0.004 kg | flat / rolled | 7 HIMT02-SPT-XS |
| M | 50 x 11 cm (L x W) | approx. 0.08 kg | | 10 HIMT02-SPT-M-SET |
| XL | 100 x 11 cm (L x W) | approx. 0.16 kg | | 11 HIMT02-SPT-XL-SET |

AEROfusion – One-Handed Tourniquets

Professional and patient-friendly tourniquets, suitable for adults and children. Customizable solution, convenient one-hand operation and can be decongested and released separately, thanks to the multifunctional closure.

AMBULATORY AID FOR

- Blood congestion
- Blood draw
- Infusion

EASY HANDLING

- Multifunctional closure for easy opening ② and loosening ①
- Fast one-hand operation without reaching round
- Easy to apply and safe decongestion
- Safely rolled up due to clamp closure ③
- With eyelet for hanging ④

PATIENT-FRIENDLY AND SAFE

- No pinching, clamping or bruising of the skin
- Skin-friendly and with an elasticity of 250 % very robust polyester strap
- Reliable hold thanks to stable safety closure
- Disinfectable and machine-washable up to 60°



QTY: 50

| Materials | Standard colour* | Dimensions (L x W) | Weight | Order number |
|---|------------------|--------------------------------|-----------------|--------------------------|
| Polyester, elastane (strap), ABS (buckle) | ● Blue / White | 40 x 3.5 cm (2.5 cm wide band) | approx. 0.03 kg | ① HVS01-25W/B-V2.0 |
| | ● Black | | | ② HVS01-25BLK/BLK-2.0-T1 |

*Due to the printing process, colour deviations are possible

AEROfusion – One-Handed Tourniquet | HUM Customized

Customized

Professional and patient-friendly tourniquet, suitable for adults and children. With individual customer logo and a possible selection of 10 different colours.

IMPORTANT INFORMATION FOR YOUR ORDER

- Logo formats: pdf, ai, eps
- Resolution at least 300 dpi
- Font size at least 7 pt
- No colour gradients, only full surface process or full tone colours
- Minimum order quantity: Per colour from 500 pcs
- Delivery times are communicated on an order-specific basis



| Colour* | Order number |
|---------------|----------------------|
| ● Blue | HVS01-25W/B-2.0/KD |
| ● Green | HVS01-25W/G-2.0/KD |
| ● Yellow | HVS01-25W/Y-2.0/KD |
| ● Orange | HVS01-25W/O-2.0/KD |
| ● Rot | HVS01-25W/R-2.0/KD |
| ● Black | HVS01-25W/BLK-2.0/KD |
| ● Violett | HVS01-25W/V-2.0/KD |
| ● White | HVS01-25W/W-2.0/KD |
| ● Olive Green | HVS01-25W/OG-2.0/KD |
| ● Pink | HVS01-25W/P-2.0/KD |

*Due to the printing process, colour deviations are possible



AEROprotective® – Respiratory Face Mask FFP2 NR

NEW

High quality filtering half mask of class FFP2, not reusable (NR). Category III Personal protective equipment (PPE), according to EN 149:2001+A1:2009, with EU type examination according to regulation (EU) 2016/425. Made of 4-ply non-woven polypropylene with high particle filtration efficiency (PFE) and low breathing resistance at the same time. Anatomical fit for highest possible wearing comfort and maximum protection through very low leakage. Latex- and fiberglass-free, for single use.

MATERIAL AND COMPONENTS

- 4-ply polypropylene non-woven mask, consisting of:
 - Outer layer: non-woven fabric, water-repellent
 - Second layer: PP meltblown fabric for particle filtration
 - Third layer: hot air cotton
 - Inner layer: PP non-woven fabric
- With flexible aluminum nose piece ①, inner foam seal in the nose area ② and elastic ear loops. Additional ear protector ③ for optional connection of the loops at the back of the head.



FURTHER CHARACTERISTICS

- Comfortable and flexible design
- Breathable as well as lightweight and pleasant material
- Particle Filtration Efficiency (PFE): ≥ 94 %*
- Total inward leakage: ≤ 8 %*
- Inhalation resistance: ≤ 70 Pa at 30 l/min, ≤ 240 Pa at 95 l/min*
- Exhalation resistance: ≤ 300 Pa at 160 l/min* w
- SU = 50 pcs 1 per carton 12 SU = 600 pcs

*according to requirements of EN 149:2001+A1:2009

QTY: 20

EU CONFORMITY

- Category III Personal protective equipment (PPE), according to EN 149:2001+A1:2009
- With EU type examination according to regulation (EU) 2016/425

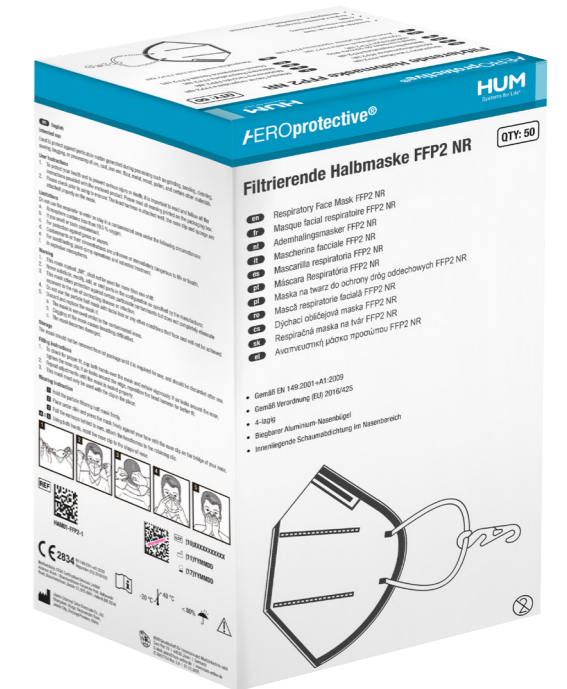
AN ESSENTIAL DETAIL

- Fulfilment of the FFP2 standard, very low leakage, with inner foam seal in the nose area!

| Model | Order number |
|----------------|--------------|
| FFP2 NR, 4-ply | HAM01-FFP2-1 |



Filtering half masks FFP3 with and without exhalation valve are also available upon request



Each mask is hygienically individually packaged

AEROprotective® – Medical Face Mask Type IIR

Disposable surgical face mask, Type IIR. Hydrophobic, 3-ply and with pliable plastic-coated nose piece as well as elastic ear loops.

- Medical Device Class I
- 3-ply (PP spunbond inner and outer layers, PP meltblown filter layer)
- Latex-free and fiberglass-free
- Bacterial Filtration Efficiency (BFE): $\geq 98\%$ *
- Breathability (differential pressure Pa/cm²): $< 60^*$
- Splash resistance: ≥ 16 kPa*

*according to requirements of EN 14683:2019+AC:2019



Example product version*



QTY: 50

| Model | Dimensions (B x H) | Colour | Order number |
|-----------------|--------------------|--------|----------------|
| Type IIR, 3-ply | 17.5 x 9.5 cm | Blue | ICO-FM301-E50* |

Available upon request

Other products from the infection protection range

Infection prevention has played a crucial role in combating and containing the COVID-19 pandemic. Furthermore, medical facilities have a continuous need for protective measures. We are glad to fulfil your safety requirements and provide you with high-quality products to prevent infections in general and to minimise risks in the area of patient safety. Please contact us at any time to discuss your individual requirements!



Further information can be found on our website in the product category "Infection Protection"

AEROcheck® – Fingertip Pulse Oximeter - P011-FCE

Handy finger pulse oximeter for measuring partial oxygen saturation, economic version, suitable for adults and children. Comfortable, quick, precise as well as with low energy consumption. Delivery including finger pulse oximeter, storage bag, carrying lanyard and batteries 1 - 4.

EXACT

- Displayed parameters: SpO₂ | Pulse rate | Pulse bar | Plethysmogram | Signal indication | Battery capacity
- Clinically approved measurement accuracy

CLEAR

- Dual colour OLED display, 360° adjustable by pressing button (6 display modes)
- Brightness adjustments 1 - 10

DURABLE

- High-quality materials and processing
- Stable battery compartment with hinged cover

FIELDS OF APPLICATION

- Homecare
- Hospital
- Other medical facilities



One-button operation for display indicator and brightness



Robust spring mechanism



Comfortable haptic

| Specifications | | Order number |
|------------------------|--------------------------------|--|
| | | HPO11-FCE |
| Dimensions (L x W x H) | | Approx. 3.2 x 3.4 x 5.8 cm |
| Weight | | 0.05 kg (including batteries) |
| Power supply | | 2 batteries, type 1.5 V AAA |
| Operating time | | Up to 24 hours at 1.200 mAh (without interruption) |
| SpO ₂ | Measurement range | 70 % ~ 100 % |
| | Resolution | 1 % |
| | Accuracy | 70 % ~ 100 %, $\pm 2\%$ 0 % ~ 69 %, no definition |
| Pulse Rate | Measurement range | 30 bpm ~ 250 bpm |
| | Resolution | 1 bpm |
| | Accuracy | 30 ~ 99 bpm ± 2 bpm 100 bpm ~ 250 bpm, $\pm 2\%$ |
| Alarm (optical) | Battery-low indication | |
| Auto. Power on | After push of power button | |
| Auto. Power off | After 8 seconds without signal | |

Masimo – RD SET®-Sensors

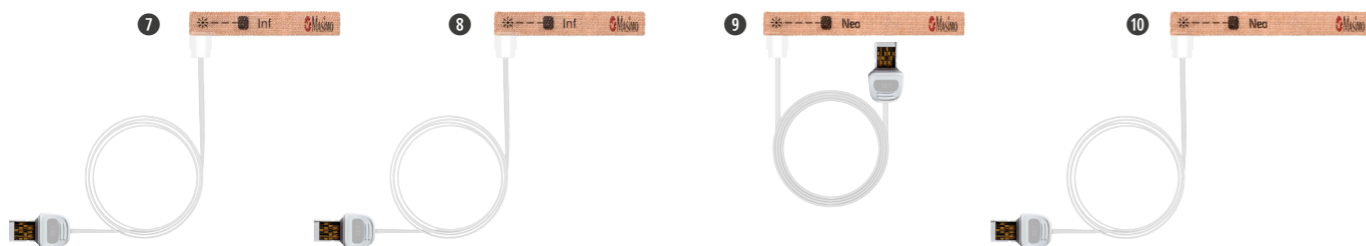
SINGLE-PATIENT-USE

Featuring Masimo – SET® Measure-through Motion and Low Perfusion™ Technology, with improved SpO₂ accuracy in conditions of motion and no motion. 'Fold-over Style' sensors, available in sizes for adults and children as well as 'Wrap-around-Style' sensors, available in sizes for adults, children, infants and neonates. Non-sterile, does not contain natural rubber latex, each with 20 adhesive sensors (Blue® 10 pcs ⑥).



RD SET®-SpO₂-Sensors

| Patient | Body weight | Application site | Description | Order number |
|--------------------|------------------|---|--------------|---------------|
| Adults | > 30 kg | Finger or toe | RD SET Adt | ① HPO15-ADT |
| Children | 10 - 50 kg | Finger or toe | RD SET Pdt | ② HPO15-PDT |
| Infants | 3 - 20 kg | 3 - 10 kg, thumb or great toe / 10 - 20 kg, finger or toe | RD SET Inf | ③ HPO15-INF |
| Neonates | < 3 kg / > 40 kg | Hand or foot (Neonates) / Finger or toe (Adults) | RD SET Neo | ④ HPO15-NEO |
| | < 1 kg | Hand or foot | RD SET NeoPt | ⑤ HPO15-NEOPT |
| Neonates, cyanotic | > 2.5 - 30 kg | Thumb or great toe | RD SET Blue® | ⑥ HPO15-BLUE |



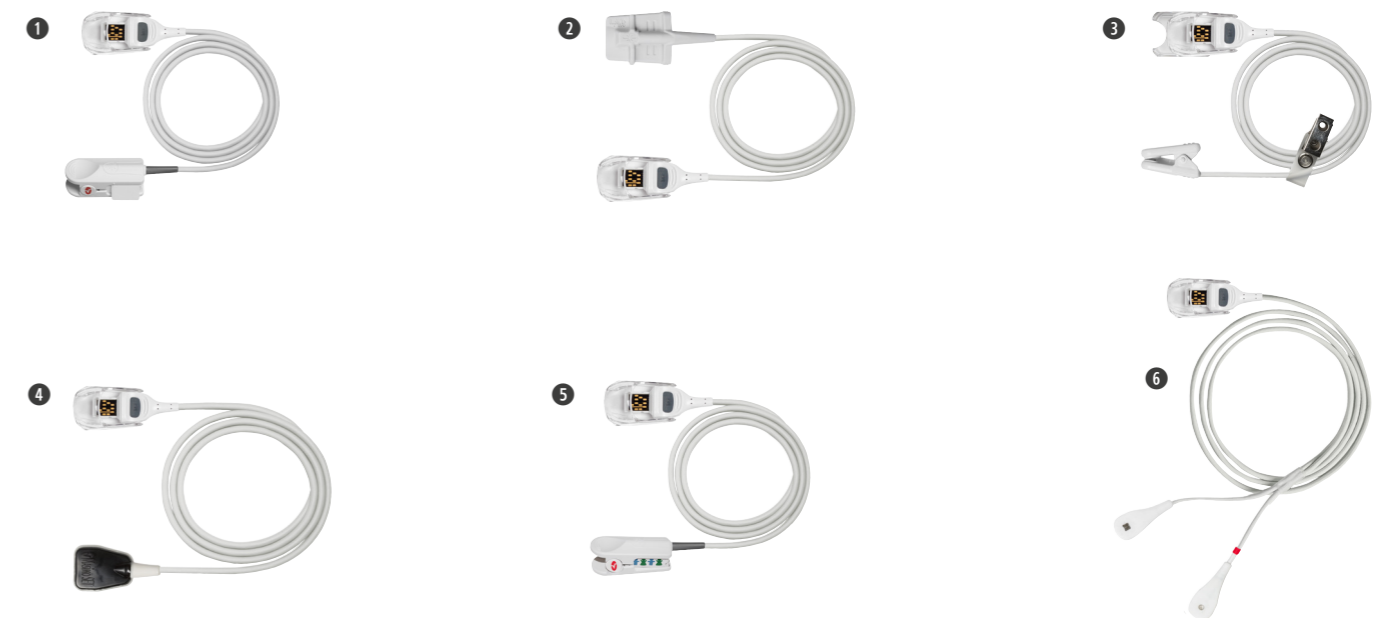
RD SET®-Cabled Sensors | With extended cable

| Patient | Body weight | Application site | Description / Length | Order number |
|----------|------------------|---|------------------------|-----------------|
| Infants | 3 - 20 kg | 3 - 10 kg, thumb or great toe / 10 - 20 kg, finger or toe | RD SET Inf CS-2 / 2 ft | ⑦ HPO15-INF-CS2 |
| | | | RD SET Inf CS-3 / 3 ft | ⑧ HPO15-INF-CS3 |
| Neonates | < 3 kg / > 40 kg | Hand or foot (Neonates) / Finger or toe (Adults) | RD SET Neo CS-2 / 2 ft | ⑨ HPO15-NEO2 |
| | | | RD SET Neo CS-3 / 3 ft | ⑩ HPO15-NEO3 |

Masimo – RD SET®-Sensors

REUSABLE SENSORS

Sensors for adults and children as well as universally applicable, for various application sites. Featuring Masimo – SET® Measure-through Motion and Low Perfusion™ Technology.



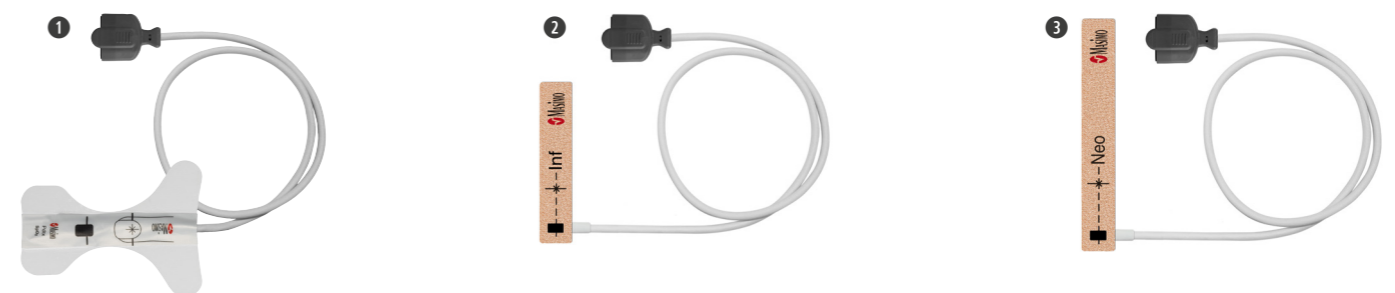
| Patient | Body weight | Application site | Description | Order number |
|----------|-------------|-----------------------|-------------------------------------|--------------|
| Adults | > 30 kg | Finger | RD SET DCI® / Digit Clip Sensor | ① HPO15-DCI |
| | | Middle or ring finger | RD SET DBI / Soft Sensor | ② HPO15-DBI |
| | | Ear | RD SET TC-I / Tip-Clip Ear Sensor | ③ HPO15-TCI |
| | | Forehead | RD SET TF-I / Transflective | ④ HPO15-TFI |
| Children | 10 - 50 kg | Finger or toe | RD SET DCI-P / Digit Clip Sensor | ⑤ HPO15-DCIP |
| Neonates | > 1 kg | Div. applications | RD SET Y-I / Universally applicable | ⑥ HPO15-YI |

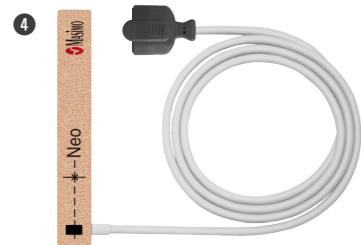
Further RD SET® Sensors are available upon request

Masimo – M-LNCS®-Sensors

SINGLE-PATIENT-USE

Low Noise Cabled Sensors (LNCS), featuring Masimo – SET® Measure-through Motion and Low Perfusion™ Technology, with excellent SpO₂ performance. 'Fold-over Style' sensors, available in sizes for adults and children as well as 'Wrap-around-Style' sensors, available in sizes for adults, children, infants and neonates. 9-pin connector / DB9 connector for compatibility with LNC patient cables or M15 connector. Non-sterile, does not contain natural rubber latex, each with 20 adhesive sensors.





SofTouch™ for sensitive skin

M-LNCS®-Sensors | With replaceable wrap | M15 connector

| Patient | Body weight | Application site | Description | Order number |
|----------|------------------|--|---------------------|-----------------|
| Children | 10 - 50 kg | Finger or toe | M-LNCS-PDXTX | ❶ HPO14-M-PDXTX |
| Infants | 3 - 20 kg | Thumb or great toe | M-LNCS Inf, 18 Zoll | ❷ HPO14-M-INF |
| Neonates | < 3 kg / > 40 kg | Hand or foot (Neonates) / Finger or toe (Adults) | M-LNCS Neo | ❸ HPO14-M-NEO |
| | | | M-LNCS Neo-3 | ❹ HPO14-M-NEO3 |
| | < 1 kg | Hand or foot | M-LNCS NeoPt | ❺ HPO14-M-NEOPT |

Masimo – M-LNCS®-Sensors

REUSABLE SENSORS

Sensors for adults (> 30 kg), for different application sites, length 3 ft. Featuring Masimo – SET® Measure-through Motion and Low Perfusion™ Technology, new cable connector design for improved moisture resistance and precise performance under conditions of movement and with low blood flow.


LNCS®-Reusable Sensors | With 9-pin connector

| Patient | Body weight | Application site | Description | Order number |
|---------|-------------|-----------------------|--------------------------------|---------------|
| Adults | > 30 kg | Finger | LNCS DC-I® / Digit Clip Sensor | ❶ HPO14-M-DCI |
| | | Middle or ring finger | LNCS DB-I / Soft Sensor | ❷ HPO14-M-DBI |

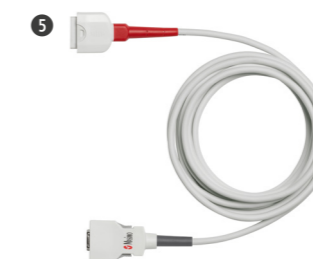
Further LNCS®-Sensors are available upon request

Masimo – Patient Cables

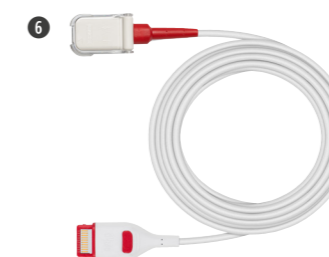
Reusable Masimo – Patient Cables, in different versions. Non-sterile, does not contain natural rubber latex.


RD SET®-Patient Cables

| Cable length | Description | Order number |
|--------------|----------------------------------|------------------|
| 1.52 m | RD SET MD14 - 05 / 14-pin, 5 ft | ❶ HPO15-K-PC05 |
| 1.52 m | RD SET MD20 - 05 / 20-pin, 5 ft | ❷ HPO15-R-K-PC05 |
| 2.44 m | RD SET MD14 - 08 / 14-pin, 8 ft | ❸ HPO15-K-PC08 |
| 3.66 m | RD SET MD14 - 12 / 14-pin, 12 ft | ❹ HPO15-K-PC12 |


M-LNC®-Patient Cables

| Cable length | Description | Order number |
|--------------|------------------------|------------------|
| 4.27 m | LNC-14 / 14-pin, 14 ft | ❶ HPO14-M-K-PC14 |


Red LNC®-Patient Cables

| Cable length | Description | Order number |
|--------------|----------------------------------|-------------------|
| 3.05 m | Red LNC M20-10 / M20 LNCS, 10 ft | ❶ HPO14-RM-K-PC10 |

Further patient cables are available upon request

Masimo – Adapter Cables

Adapter cables to connect RD SET® to LNC.

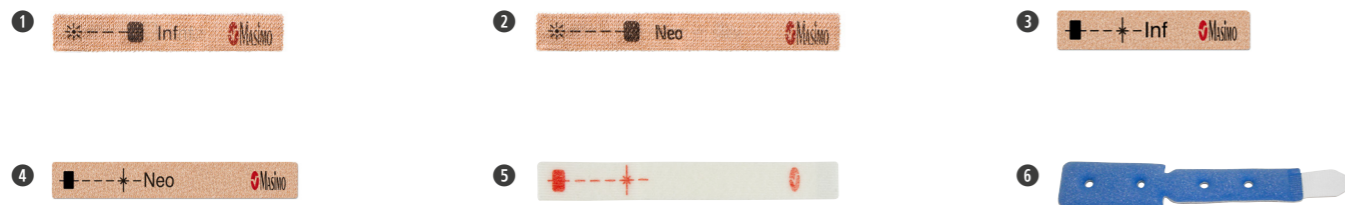


| Cable length | Description | Order number |
|--------------|------------------------|------------------|
| 0.46 m | RD SET to LNC / 1.5 ft | ● HPO14-P005-AD |
| 0.91 m | RD SET to LNC / 3 ft | ● HPO14-P005-AD2 |

Further adapter cables are available upon request

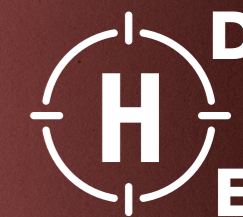
Masimo – Sensors | Accessories and Spare Parts

Replacement adhesive tapes available in different types as well as foam wrap . Non-sterile, does not contain natural rubber latex.



| Description | Order number |
|---|------------------|
| Adhesive tapes for RD SET Inf / Inf CS-2 / Inf CS-3 / RD SET Blue®, 102 pcs | ● HPO15-INF-PF |
| Adhesive tapes for RD SET Neo / Neo CS-2 / Neo CS-3, 102 pcs | ● HPO15-NEO-PF |
| Adhesive tapes for LNCS Inf / Inf-3, 102 pcs | ● HPO14-INF-PF |
| Adhesive tapes for LNCS Neo / Neo-3, 102 pcs | ● HPO14-NEOL-PF |
| Adhesive tapes for LNCS NeoPt / NeoPt-3 / Trauma, 10 pcs | ● HPO14-NEOPT-PF |
| Wrap for YI Sensor, 12 pcs | ● HPO02-KM-YI |

MEDICAL PRODUCTS



HEAD / HYPOTHERMIA | DISABILITY | ENVIRONMENT

(MARCH: H – HEAD & HYPOTHERMIA / xABCDE: D – DISABILITY + E – EXPOSURE / ENVIRONMENT)

In the last step of the MARCH scheme (“H – Head injury / Hypothermia”), the patient's head is examined while simultaneously ensuring consistent heat preservation.

Head, ears, nose, mouth, and eyes are carefully checked for bleeding, fractures, soft tissue injuries or other abnormalities that may indicate traumatic brain injury. The pupillary response can be assessed using the PERRLA scheme (“Pupils Equal, Round, React to Light and Accommodation”) to detect neurological abnormalities early. Parallel to this, heat preservation is optimized, as hypothermia impairs coagulation and can significantly affect the patient's condition.

In the xABCDE scheme, these contents are distributed across steps D (“Disability”) and E (“Exposure/Environment”): Under “D”, the neurological assessment takes place (level of consciousness, pupillary reaction, orientation, signs of focal deficits); under “E”, the complete or targeted undressing for full-body examination with simultaneous protection against cooling and consideration of environmental influences occurs.

HUM provides products that effectively assist you in these measures.

AEROprotective® – Eye Shield

High-quality curved eye shield made of robust polycarbonate, which reliably protects the injured eye from further external influences. Suitable for use under demanding and harsh conditions, in tactical operations as well as in intensive training situations. The single-use eye shield combines high impact resistance with maximum visibility and high wearing comfort. With a universal fit for both eyes.

- Made of high-impact polycarbonate, which reliably wards off mechanical impacts, splinters, dust, dirt, wind as well as weather influences
- Protects against additional impacts, pressure, finger contact or accidental pressing
- Smooth surface with ventilation holes for air circulation
- With anti-fog and scratch protection for a clear view
- Modular and compatible – suitable for helmets, masks and tactical accessories
- For use with eye bandages or medical protective material
- Latex- and DEHP-free



| Material | Colour | Dimensions (W x L) | Weight | Order number |
|--------------------|--------------------------|--------------------|------------------|--------------|
| Polycarbonate (PC) | Orange, semi-transparent | approx. 7.5 x 6 cm | approx. 0.008 kg | HES01-0 |

AEROuse – Instant Heat Compress



Instant heat compress for effective local heat therapy and temporary relief of minor muscle and joint pain as well as muscle stiffness caused by overexertion, strains, sprains or muscular tension. The targeted application of heat promotes blood circulation, relaxes soft tissues and supports the reduction of blood congestion. For single use.

- Long-lasting, uniform heat release (max. temperature output up to 55 °C, after 30 minutes ≥ 45 °C)
- Localized and targeted acute care
- Based on sodium acetate / water
- Can be used in the field for e.g. tension or cold injuries
- Quick application – ready for immediate use, without an external heat source
- For, among others, perceptive adults for safe application
- Particularly long shelf life (3 years)

QTY: 24



Other sizes available upon request

| Materials | Colour | Dimensions (W x L) | Weight | Order number |
|---|----------------|--------------------|----------------|-------------------|
| Polyethylene (PE – pouch), sodium acetate, water (inner material) | Orange / White | approx. 15 x 23 cm | approx. 0.2 kg | HWK01-NA-15x23/LK |

AEROuse – Instant Cold Compress

For relieving pain and swelling from sprains, strains, contusions, minor burns and much more.

- Immediate intensive cold without pre-cooling
- Easy activation by compression
- Water and urea based
- Single use

FIELDS OF APPLICATION

- Medical and rescue services
- Company medical kit acc. DIN 13157 | DIN 13169
- Free time and sports
- Private household



SU = 20 pcs / carton
3,600 pcs / palette

Easy handling

1. Shake contents to bottom of bag.

2. Locate inner pouch. Squeeze firmly to rupture inner fluid pouch.

3. Shake briefly to mix contents.

4. Wrap in soft cloth and apply.

| Materials | Standard colour | Dimensions (W x L) | Weight | Order number |
|--|-----------------|--------------------|-----------------|------------------|
| Polyethylene (PE – pouch), urea and water (inner material) | Blue / White | 15 x 17 cm | approx. 0.16 kg | HKP01-U-15x17/20 |

AEROuse – Instant Cold Compress | HUM Customized

Customized

For relieving pain and swelling from sprains, strains, contusions, minor burns and much more. With individual customer logo and possible in your own design.

IMPORTANT INFORMATION FOR YOUR ORDER

- Logo formats: pdf, ai, eps
- Resolution at least 300 dpi
- Font size at least 7 pt
- Minimum order quantity: From 10.000 pcs
- Delivery times are communicated on an order-specific basis



*Logo and background can be customized, the texts remain unchanged.



| Materials | Dimensions (W x L) | Weight | Order number |
|--|--------------------|-----------------|------------------|
| Polyethylene (PE – pouch), urea and water (inner material) | 15 x 17 cm | approx. 0.16 kg | HKP01-U-15x17/KD |

FEROuse – Emergency Blanket GS1

High-quality aluminium-coated emergency blanket that protects injured persons during first aid against cold and hypothermia, as well as against heat and solar radiation. It effectively stores heat and minimizes heat loss. Ideal for numerous fields of application, suitable for single use.

- Extremely thin, tear-resistant and robust for a wide range of applications
- Prevents heat loss, protects against hypothermia and effectively reflects body heat
- Good visibility at the scene of the accident thanks to strong reflectivity

FIELDS OF APPLICATION

- Medical and rescue services
- Company medical kit acc. DIN 13157 | DIN 13169
- Vehicle medical kit acc. DIN 13164
- Leisure and sports
- Private household



SU = 1 pc
250 pcs / carton
9,000 pcs / palette

| Materials | Colour | Dimensions (W x L) | Weight | Order number |
|----------------------------------|---------------|--------------------|-----------------|------------------|
| Polyester film, aluminium-coated | Gold / Silver | 160 x 210 cm | approx. 0.06 kg | HD01-GS1-160x210 |

FEROuse – Emergency Blanket OS1

NEW

High-quality aluminium-coated emergency blanket that protects injured persons during first aid against cold and hypothermia, as well as against heat and solar radiation. It effectively stores heat and minimizes heat loss. Ideal as a component of an emergency backpack or for any IFAK, suitable for single use.

- Extremely thin, tear-resistant and robust for field use
- Prevents heat loss, protects against hypothermia and effectively reflects body heat
- Suitable for any mission or survival kit
- Versatile applications, comparable to the gold / silver version

FURTHER APPLICATIONS

- Tactical operations
- Emergency ground sheet and improvised tarp
- Outdoor and survival
- Terrain camouflage
- Evacuation protection



SU = 1 pc
200 pcs / carton
7,000 pcs / palette

| Materials | Colour | Dimensions (W x L) | Weight | Order number |
|----------------------------------|----------------------|----------------------|-----------------|------------------|
| Polyester film, aluminium-coated | Olive Green / Silver | approx. 160 x 210 cm | approx. 0.06 kg | HD11-OS1-160x210 |

FEROresc® – EASY Collar Adult | Mini

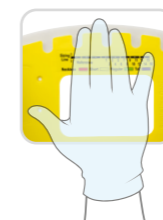
Adjustable cervical collar for adults or infants, children and small adults which is used for safe immobilization of the cervical spine and offers easy handling plus high stability.

- Adult version adjustable to 16 levels | Mini version to 12 levels
- Oversized access on the front and rear side for pulse control, airway management, view at larynx, palpation
- Very flat design and space-saving stowage thanks to the self-raising chin support
- Radiolucent, CT and MRI compatible and hypoallergenic

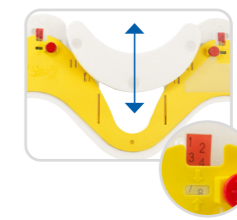
EASY HANDLING



1. Measure patient



2. Detect size



3. Adjust size



4. Lock

Fastening hooks

- Left and right side
- Safe fixation of nasal cannula tubing

Comfortable chin support

- Flips up automatically during application
- Anatomical and soft padded

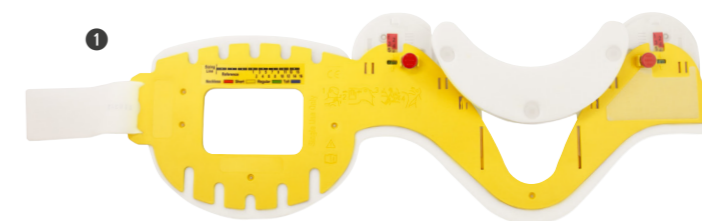
Flexible size adjustment

- Symmetrical size adjustment
- 16 levels Adult version:
1 - 4 neckless | 5 - 8 short
9 - 12 regular | 13 - 16 tall
- 12 levels Mini version:
1 - 4 infants | 5 - 8 children
9 - 12 small adults

Closure system

- Provides high stability
- Striking locking buttons for fast recognition

WITH SELF-RAISING CHIN SUPPORT



QTY: 20

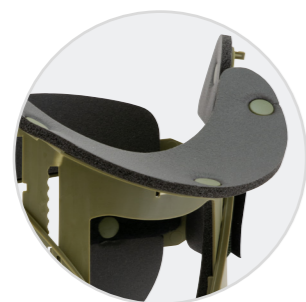
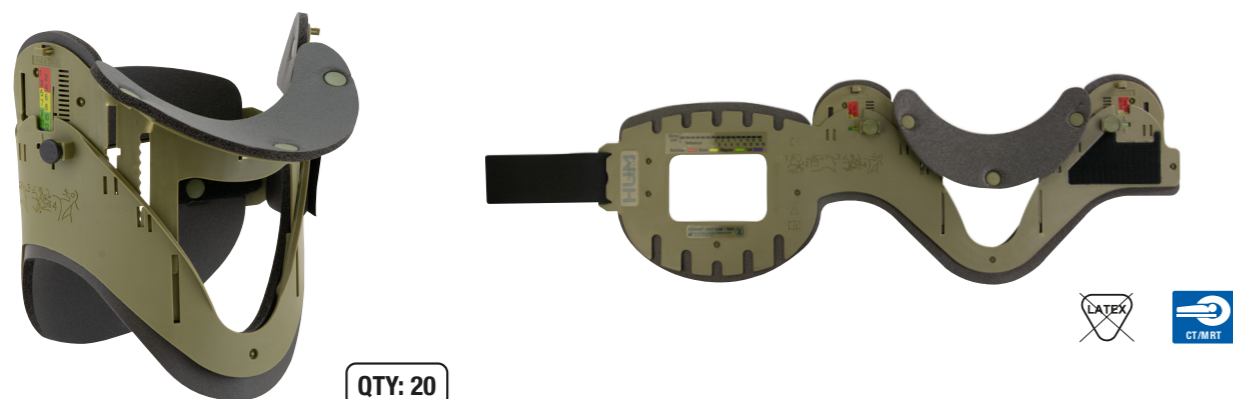


| Model | Colour | Dimensions (B x H) | Weight | Order number |
|---|----------------|--------------------|-----------------|---------------|
| Adult (for adults) | Yellow / White | 57 x 18 cm | approx. 0,13 kg | ① HIMT11-EC-E |
| Mini (for infants, children and small adults) | Blue / White | 44.5 x 14 cm | approx. 0,07 kg | ② HIMT11-EC-K |

AEROresc® – EASY Collar Adult

Adjustable cervical collar for adults which is used for safe immobilization of the cervical spine and offers easy handling plus high stability. Suitable for the tactical field.

- Adjustable to 16 levels
- Oversized access on the front and rear side for pulse control, airway management, view at larynx, palpation
- Very flat design and space-saving stowage thanks to the self-raising chin support
- Radiolucent, CT and MRI compatible and hypoallergenic



With self-raising chin support



4 colour-coded size range

| Model | Colour | Dimensions | Weight | Order number |
|-------|---------------------|------------|---------|--------------|
| Adult | Olive Green / Black | 57 x 18 cm | 0.13 kg | HIMT11-EC-T |

HUM
Systems for Life®

EQUIPMENT

In addition to our medical equipment according to the MARCH scheme, we present the field-proven ELDONCARD® – Blood Typing Kits from our AEROuse range, which contribute to an improved survival rate and the reduction of amputations.

The ONE MAN KIT OKS and MILITARY KIT MKS rapid tests are suitable for ABO and Rhesus (D) blood group typing and stand for high diagnostic reliability, fast results and operational capability. They are ideal for military and mobile medical applications that rely on dependable point-of-care diagnostics.

In addition to the test kits, we will shortly expand our tactical equipment with further high-quality products. Feel free to contact us at any time – we will be happy to advise you on your individual requirements!

AEROuse – Test Kits for Blood Group Typing

ELDONCARD® – Blood Typing Kits



Reliable and field-proven rapid tests for ABO and Rhesus (D) blood group typing. The ELDONCARD® – Blood Typing Kits combine high diagnostic reliability, fast results and operational capability in a compact format. Ideal for military and mobile medical applications that rely on dependable point-of-care diagnostics – independent of infrastructure such as electricity, refrigeration or laboratory facilities. Suitable for single use.

SPECIAL FEATURES AT A GLANCE

- Very fast test result in just 2 minutes
- Dried ABO blood group reagents – no refrigeration or daily control required
- Long shelf life of 24 months at 5 - 37 °C
- Usable without a laboratory or additional equipment; only water and a timer are needed
- High medical safety: Up to 99.9 % consistency with laboratory procedures
- No separation of red blood cells and blood plasma required
- Simple blood group determination, ideal under extreme conditions
- Whole blood can be used from as little as 5 µl (corresponds to approximately one fingertip prick)
- Test result remains visible for permanent documentation
- Supports a faster and safer transfusion decision in emergency and trauma care

In vitro diagnostics directly at the patient – for an improved survival rate and the reduction of amputations

ONE MAN KIT OKS 2511-1

Single test kit for rapid blood group determination at the point-of-care. The ELDONCARD® ONE MAN KIT contains everything required for the determination of the ABO and Rhesus (D) blood group. It enables simple point-of-care use – anytime and anywhere.

Content of the single kit:

EldonCard 2511 (1 test), 2 automatic lancets, 1 skin cleansing swab, 4 EldonSticks, 1 plastic dropper, 1 EldonFoil for result preservation, 1 instruction for use

MILITARY KIT MKS 2521-25

Box of 25 pieces for the determination of up to 50 persons, for military units, emergency hospitals / field hospitals, stabilization points or mobile medical units. Suitable for placement at strategic locations as part of emergency preparedness.

Contents of the box:

1 EldonBag 2521-25 with 25 EldonCards 2521 ABO-D (as a double-panel card for possible double determination for one person or for two persons), 50 standard lancets, 50 disinfectant swabs, 50 absorbent cotton swabs, 200 EldonSticks, 2 plastic pipettes, 25 EldonFoil for result preservation, 1 instruction for use

FUNCTIONAL PRINCIPLE

The ELDONCARD® – Blood Typing Kits operate according to the principle of direct haemagglutination: The dried reagents (antibodies) on the card react with the patient's or donor's red blood cells. With a matching antigen, agglutination (clumping) occurs; a missing antigen shows no reaction. Based on the agglutination pattern, the ABO and RhD blood group can be reliably determined.



Exclusive Importer Germany

| Description | Colour | Order number |
|--|---------------------------|--------------|
| ELDONCARD® – ONE MAN KIT OKS 2511-1, single kit | Green / White (Packaging) | ELD2511/1 |
| ELDONCARD® – MILITARY KIT MKS 2521-25, box of 25 pcs | White (Box) | ELD2521/25 |

ELDONCARD® is a registered trademark of ELDON BIOLOGICALS A/S, Sandtoften 10, 2820 Gentofte, DK.



Our Textile Technology Division

With a broad portfolio of high-quality emergency and transport containers – from various types of emergency and tactical backpacks to IFAKs and pouches – we have stood for reliable equipment in professional use for over three decades. In addition to our proven AEROcase® products, we also offer tailor-made and customized solutions as an OEM service provider and technology consultant that are precisely tailored to your special requirements.

Our Competences

- **Development and manufacturing:** Textile products for the EMERGENCY and DEFENCE sectors
- **Tailor-made solutions:** From individual production to large-scale series production
- **Focus:** Robustness, functionality, practical suitability and crisis resilience

Our Added Value

With our extensive and long-standing experience in the market, we develop innovative solutions together with you that are perfectly tailored to your special needs.

Our Expertise

- **Consulting:** Support in the selection and development of technical textiles
- **Production:** High-quality manufacturing in our production facilities
- **Innovation:** Integration of the latest technologies and materials

Our Brand

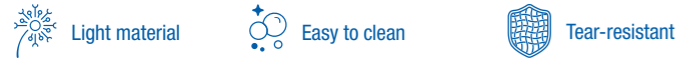
AEROcase® stands for high competence and a wide variety of materials that meet your demand for premium quality. Each of our AEROTex® materials used has a wide variety of properties, about which we would be pleased to advise you.

We differentiate between:

- **AEROTex® – PLAN^{PRO}:** Suitable for extremely robust and durable bags
- **AEROTex® – CORDRA:** High tear and abrasion resistance with low weight
- **AEROTex® – PLAN:** For robust and weatherproof models
- **AEROTex® – DURA:** Particularly lightweight and durable nylon variants
- **AEROTex® – PES:** Known for durability and UV resistance

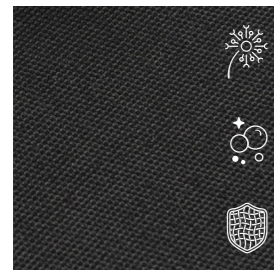
Our Materials in Textile Technology

Emergency and tactical backpacks or bags require particularly robust and reliable materials. Our brand AEROCASE® stands for the highest material competence and offers diverse solutions that meet your demand for premium quality. Below you will find an overview of the properties and special features of our AEROTEX® materials used.



AEROTEX® – PLAN^{PRO} | Truck tarpaulin

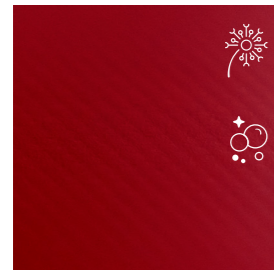
Bags made of truck tarpaulin are increasingly used where an extremely robust and durable solution is required. Our AEROTEX® – PLAN^{PRO} ensures high durability, so the material hardly wears even under intensive use. In addition, easy cleaning is possible, which is particularly important in tactical use under intensive stress, weather influences and in hygiene-intensive areas. Bags made of our truck tarpaulin, such as our AEROCASE® – PROpack models, offer an excellent way to transport equipment items safely and dry. Their flexibility and longevity make them an optimal choice for applications in the fields of EMERGENCY and DEFENCE.



AEROTEX® – CORDRA | CORDURA® fabric

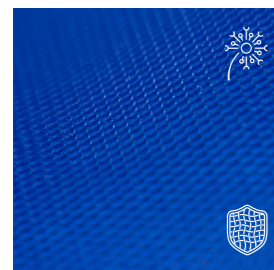
Textiles made of CORDURA® are preferably used where very high tear and abrasion resistance with a particularly low weight is required. AEROTEX® – CORDRA includes, among others, the very light Ripstop 560 dtex and the highly abrasion-resistant, finely textured TPD 560 dtex – for maximum durability while remaining lightweight and visually striking. Every CORDURA® fabric stands for low-noise, flexible feel in the cold as well as fast drying. In addition, lightness and ergonomics ensure the highest possible mobility. Most of our tactical emergency backpacks and bags are manufactured from this material.

CORDURA® is a registered trademark of INVISTA NORTH AMERICA S.à r.l., 4123 E. 37th Street North, Wichita, KS 67220, USA.



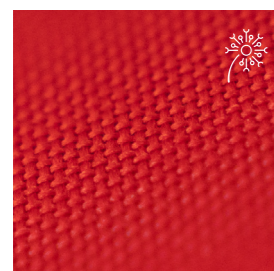
AEROTEX® – PLAN | Tarpaulin

In bag production, tarpaulin materials are often used when robust and weatherproof models are required. AEROTEX® – PLAN offers reliable protection for the contents of the bags and is ideal for continuous use as well as for field activities and travel. Our tarpaulin bags are characterised by their resistance plus longevity and are therefore particularly attractive for users looking for functional and simultaneously visually appealing storage solutions. In the EMERGENCY field, most of our emergency backpacks and bags are made of tarpaulin material, as is our AEROCASE® – TACbag IFAK02 in the DEFENCE field.



AEROTEX® – DURA | Nylon

Nylon is a popular material because it is particularly light and at the same time extremely durable. Our bags made of AEROTEX® – DURA offer high abrasion resistance, are often water-repellent and are therefore ideal for daily use or demanding outdoor activities. The flexibility of our material allows for a variety of designs and sizes, from modular backpacks to IFAK pouches. In addition, AEROTEX® – DURA dries very quickly, making it a practical choice for missions and travel. Our AEROCASE® – MCIS1 or, for example, the AEROCASE® – TACbag Triage are manufactured from nylon.



AEROTEX® – PES | Polyester

Polyester is a commonly used material in bag manufacturing, known for its durability and UV resistance. AEROTEX® – PES is easy to care for while remaining lightweight and withstands the demands of everyday life. A variety of designs can be manufactured here, offering both functionality and style. Due to their dimensional stability, our bags remain attractive and reliable even with intensive use and are therefore a preferred solution for many users. We offer you our AEROCASE® – RESPONDERpacks and RESPONDERbags in polyester variants; in the DEFENCE field, we use this material for our organizer, the AEROCASE® – ORGAbag.

BACKPACKS & BAGS | EMERGENCY

AEROCASE® stands for our professional emergency backpacks and bags that can withstand the rigors of your operations. Whether in professional rescue or as a first responder, we provide you with the quality that your operation requires.

GENERAL INFORMATION ON TACTICAL BACKPACKS & BAGS | EMERGENCY

- All dimensions are given without handle and are subject to an industry-standard production tolerance of ± 1.5 cm per dimension.
- The weight is without modular bags (EMS+ series) or inclusive modular bags (EMS and 1R series) as well as without any contents.
- The volume results from the main compartment as well as all external pockets and compartments.
- Any contents shown are for illustration purposes only and are not included in the scope of supply.
- We reserve the right to make changes to the advertised products; features may also be adjusted based on further operational trials.



Our AEROCASE® – EMS+ product line is distinguished by its exceptional durability, even under the toughest operating conditions. It contains the Modular System 3.0, consisting of our PROpack emergency backpack as well as the PRObag emergency bag, along with a wide range of customizable modular bags and containers – all of which are handcrafted. Thanks to the system's exceptional flexibility and organisation, your emergency bag becomes a personal game of Tetris.

In addition, the EMS+ series includes professional emergency bags designed for specific medical applications as well as for personal equipment.

The Quality in Detail – The AEROCASE® – Modular System 3.0

Our AEROCASE® – PROpack is made of the tarpaulin material AEROTEX® – PLAN^{PRO}: Disinfectable, tear and abrasion resistant and environmentally friendly recyclable. It stands for quality with recognition factor and durability even under the toughest operating conditions.

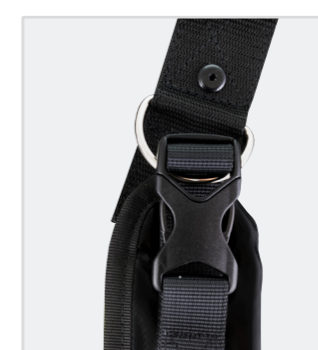
- Available in the following colours (Luminous Red complies to the fluorescent red of the standard DIN EN 1789, Appendix A):
- With padded back area and robust, non-slip carrying handles with closed surface
- Reinforced edge protection and abrasion protection on the wear-sensitive points
- With two flat front compartments (Model GTSB, GTDB and GTB) e.g. as a document compartment / compartment for cervical collars
- Individually replaceable back carrying straps at any time, extra strong and double riveted metal eyelets with colour markings R / L (alignment)
- Additional details e.g. highly reflective strips or easy-grip, disinfectable zipper pullers in Grey (optional available in Luminous Yellow)

THE NEW FEATURES

- **Up to 1200 g / system lighter:** weight reduction through optimized manufacturing processes
- **New carrying system for added comfort:** back carrying straps with improved padding, including chest strap as well as arrangement for different body shapes
- **AEROCASE® – SMART BAGtag:** integrated RFID chips (UHF, range up to 30 m) with read and write function via scanner, from the backpack down to the smallest modular bag or container – for automatic inventory control in your RFID system and much more!



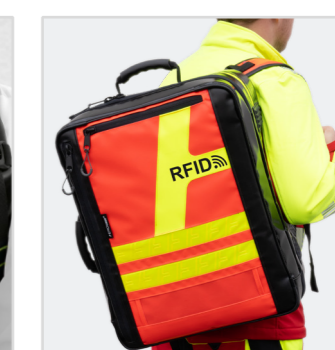
With RFID technology – also retrofittable



Improved carrying system



Includes chest strap for a secure fit



Application example

Click Me Our "AEROCASE® – Modular System" Further information and sales available through our AEROCASE® – Specialist Dealers

Click Me Further information on the SMART BAGtag with RFID or NFC

MAGNETIC MODULAR SYSTEM

What exactly does this mean?

Ferromagnetic plates are incorporated in a predefined grid and thus give the colour-coded modular bags with incorporated magnets a secure hold.

The arrangement of the modular bags, which is based on the grid, enables you a clear and individual organization of the backpack / bag.

Thanks to the modular system, the interior can be produced almost entirely without dirt traps such as hook-and-loop strips or fixation loops. The risk of germ contamination is significantly reduced.

How is the grid structured?

All AEROCASE® – PROpack Backpacks are equipped with a 4 x 7 grid (28 magnetic fields), the AEROCASE® – PRObag Bags with a 4 x 4 grid (16 magnetic fields).

The horizontal or vertical alignment of the available modular bags is based on the rectangular grid fields.

A wide range of horizontally or vertically insertable modular bags is available to you for a complete and individual assembly.



AEROCASE® – PRObag



Incorporated and movable ferromagnetic plates in the individual grid field prevent a punctual abrasion of the material.

THE ELEMENTARY CONCEPT

Construction of the backpacks with lower and upper shells / lids

Depending on the model, our emergency backpacks and bags are designed to either have

- a lower shell with an integrated grid with magnetic technology and a lid (model: PROpack GTS | GTSB)
- or
- a lower shell with an integrated grid with magnetic technology and a lid with external compartments (models: PROpack GTA 1 | GTA 2)
- or
- a lower shell with an integrated grid with magnetic technology and a lid with external compartments (models: PROpack GTA 1 | GTA 2)

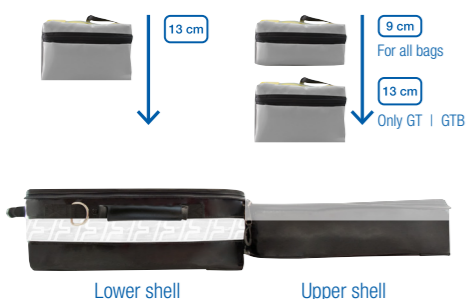
The lower shell is the same for each model and only the upper shells / lids indicate the different version / use:

- Lid PROpack GTA 1 with outer compartments: suitable for holding a 4 x 4 ampoule case in the external quick access slide-in compartment as well as an additional outer pocket underneath for holding a 4 x 3 modular bag, for example
- Lid PROpack GTA 2 with outer compartment: suitable for holding a 4 x 7 ampoule case in the external quick access slide-in compartment over the entire front
- Upper shell PROpack GT and GTB: suitable for holding 9 cm and 13 cm high modular bags
- Upper shell PROpack GTD and GTDB: suitable for holding 9 cm high modular bags

DIFFERENT HEIGHTS ON THE INSIDE: LOWER SHELL 13 CM | UPPER SHELL 13 CM AND / OR 9 CM

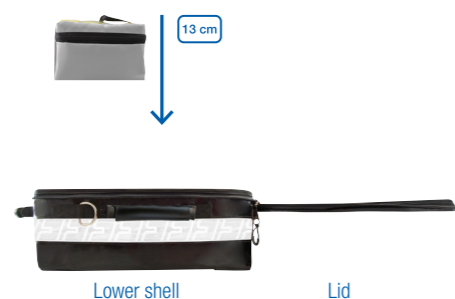
AEROCASE® – PROpack

GTD | GTDB | GT | GTB

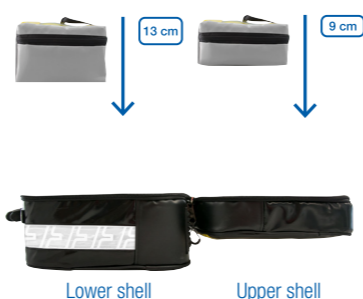


AEROCASE® – PROpack

GTS | GTSB | GTA 1 | GTA 2



AEROCASE® – PRObag



AEROCASE® – PROpack Emergency Backpacks

Emergency backpacks with one or two shells and integrated magnetic technology.



Our PROpack Special Equipment for Tactical, Winch Rescue and Door Opening can be found here.

Click Me

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Model | Order number |
|--|---------------------------|-------------------------|------------------|---------------|-------|-----------------------|
| AEROTEX® – PLAN ^{PRO} (Truck tarpaulin) | ● Luminous Red (RAL 3024) | approx. 40 x 52 x 14 cm | approx. 2.40 kg | approx. 29 l | GTS | ① HT13-SPGTS-70W/BLK |
| | | approx. 40 x 52 x 14 cm | approx. 2.80 kg | approx. 29 l | GTSB | ② HT13-SPGTSB-70W/BLK |
| | | approx. 40 x 52 x 29 cm | approx. 3.10 kg* | approx. 48 l* | GTA 1 | ③ HT13-SPGTA1-70W/BLK |
| | | approx. 40 x 52 x 29 cm | approx. 2.70 kg* | approx. 34 l* | GTA 2 | ④ HT13-SPGTA2-70W/BLK |
| | | approx. 40 x 52 x 21 cm | approx. 3.00 kg | approx. 44 l | GTD | ⑤ HT13-SPGTD-70W/BLK |
| | | approx. 40 x 52 x 21 cm | approx. 3.40 kg | approx. 44 l | GTDB | ⑥ HT13-SPGTDB-70W/BLK |
| | | approx. 40 x 52 x 25 cm | approx. 3.10 kg | approx. 52 l | GT | ⑦ HT13-SPGT-70W/BLK |
| | | approx. 40 x 52 x 25 cm | approx. 3.30 kg | approx. 52 l | GTB | ⑧ HT13-SPGTB-70W/BLK |

*Weight and volume without ampoule case - separately available

AEROCASE® – PRObag XL Emergency Bag



Emergency bag in "Extra Large" with two shells and integrated magnetic technology, available as standard colour in Anthracite / Black. Includes a spacious front pocket with divided compartments, with shoulder carrying strap and an additional waist strap. Ideally suited for emergency medical services as well as fire departments in the field of technical assistance.



Includes waist strap



Application example

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|--|----------------------|-------------------------|-----------------|--------------|-------------------|
| AEROTex® – PLAN ^{PRO} (Truck tarpaulin) | ● Anthracite / Black | approx. 43 x 31 x 24 cm | approx. 2.14 kg | approx. 32 l | HT13-SBXL1-S00Y/Y |

AEROCASE® – PRObag M Emergency Bag

Emergency bag "in Medium" with two shells and integrated magnetic technology, available as standard colour in Luminous Yellow and including shoulder carrying strap. Ideally suited for emergency medical services as well as fire departments in the field of technical assistance.



| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|--|------------------------------|-------------------------|-----------------|--------------|-------------------|
| AEROTex® – PLAN ^{PRO} (Truck tarpaulin) | ● Luminous Yellow (RAL 1026) | approx. 43 x 31 x 19 cm | approx. 1.70 kg | approx. 25 l | HT13-SBM1-90W/BLK |

AEROCASE® – Modular Bags and Containers

Structured modular bag system in 9 different sizes (grid) for a complete and individual assembly of your bag or backpack. The modular bags can be colour-coded according to your purpose of use and designed individually. Alternatively, colour-neutral container modular bags are available. They are placed in the interior using a flexible magnetic system, depending on the alignment (horizontal or vertical).

HORIZONTAL ALIGNMENT

These modular bags can be placed vertically in the interior, in accordance with the grid.

Grid example 4 x 3



All sizes at a glance



VERTICAL ALIGNMENT

These modular bags can be placed vertically in the interior, in accordance with the grid.

Grid example 2 x 4



The AEROcase® – Modular System

An advanced developed modular system for high demands and without standard modular bags that are only suitable for one single purpose. Configure your modular bags individually according to your needs from various individual components. Fast, flexible and can be converted for any bag filling without much effort.

CONFIGURABLE FOR EVERY PURPOSE OF USE

- 1 Body with elastic loops in the bottom, available in 9 different sizes
- 2 Lid outside, available in 12 different RAL colours
- 3 Lid inside, available with mesh or elastic loop variants
- 4 Dividers for buttoning (on both sides), available with mesh, elastic loop variants or snap buttons for attaching transparent compartments
- 5 Partitions for dividing the body
- 6 Loop strips for buttoning (on both sides), using snap buttons, available in different variants



EXAMPLES FOR DIFFERENT OPERATIONAL USES



Standard Modular Bags - Example Filling of the PROpack GTB

- | | | | |
|-------------------|------------|-------------------|------------|
| 13 cm Lower shell | | 13 cm Upper shell | |
| 1 ● Oxygen unit | IV (2 x 7) | 1 ● Ampoule Case | IV (2 x 4) |
| 2 ● Universal | IV (2 x 3) | 2 ● Bandage | IV (2 x 4) |
| 3 ● Universal | IV (2 x 4) | 3 ● Intubation | H (4 x 3) |



You can find further information in our catalogue AEROcase® – Modular System, available from your AEROcase® – Specialist Dealer.



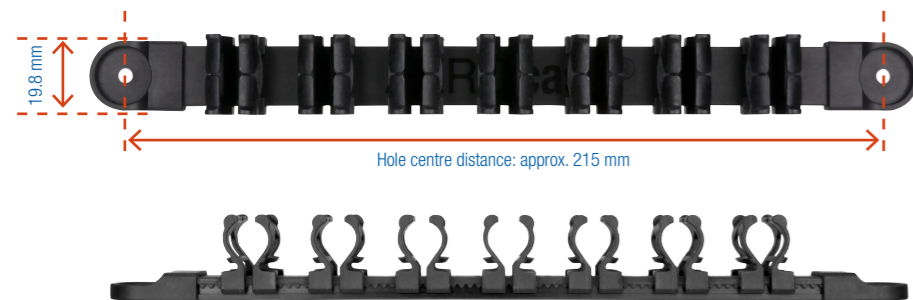
AEROCASE® – EASY Click

Easy and quick fixation and withdrawal of ampoules up to 17 mm in diameter.

MODEL

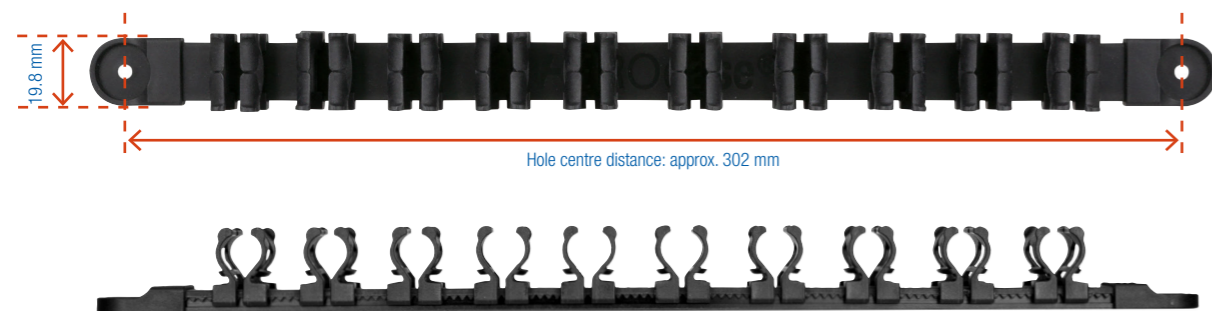
1 EASY Click - Ampoule Rail Set, for 2 x 4 Ampoule Case (Including 1x rail, 2x rail tail adapter and 20x clip)

- 1 - 2 ml ampoule fits 11 times on 2 x 4 ampoule rail
- 5 ml ampoule fits 8 times on 2 x 4 ampoule rail
- 10 ml ampoule fits 7 times on 2 x 4 ampoule rail



2 EASY Click - Ampoule Rail Set, for 4 x 4 Ampoule Case (Including 1x rail, 2x rail tail adapter and 20x clip)

- 1 - 2 ml ampoule fits 16 times on 4 x 4 ampoule rail
- 5 ml ampoule fits 12 times on 4 x 4 ampoule rail
- 10 ml ampoule fits 11 times on 4 x 4 ampoule rail



SAMPLE ASSEMBLY



THE PERFECT SOLUTION FOR ATTACHING IN THE VEHICLE



APPLICATION



1. Squeeze the clip and place it on the rail

2. Position the clip as needed

3. Release, squeeze the bottom end parts, fixed

4. Ready for assembly

AEROCASE® – OXYbag

Compact oxygen bags for oxygen cylinders up to 2 liters, available in „Small“ (as a „slim“ version without front pocket) and „Medium“.

- All-round padding and with integrated plastic plate for interior protection and preservation of form stability
- Safe fixation of the oxygen cylinder thanks to stable fastening straps in the main compartment
- Regulation of the O₂ flow and control of the cylinder contents via EASY Access Window
- Storage of the oxygen equipment in the internal storage compartments and the front pocket (only OXYbag M2)

1 OXYbag S2



2 OXYbag M2



EASY ACCESS WINDOW

- Permanent option to regulate the O₂ flow via magnetic EASY Access Window
- Continuous control of the oxygen cylinder contents



LOCKING STRAP

- To restrict the max. opening width



PLEASANT CARRYING COMFORT

- Padded shoulder carrying strap
- Magnetically closable fastening straps for the safe transport to a stretcher



SIMS - Snap In Magnetic System

Fastening straps with magnetic buckles



OXYbag M2 WINCH

Our OXYbag M2 WINCH for Winch Rescue can be found here.



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|--|---------------------------|------|-------------------------|----------------|--------------|-----------------|
| AERotex® – PLAN ^{PRO} (Truck tarpaulin) | ● Gentian Blue (RAL 5010) | S | approx. 52 x 22 x 14 cm | approx. 1,1 kg | approx. 16 l | 1 HT13-OXYBS2-1 |
| | | M | approx. 52 x 22 x 20 cm | approx. 1,4 kg | approx. 23 l | 2 HT13-OXYBM2-1 |

AEROCASE® – IMMObag

Compact emergency bag for your immobilization equipment. Thanks to its special design, the IMMObag offers the possibility of storing all relevant products (e.g. EASY Splint Universal Splints, EASY Collar-Cervical Collars, KED systems, vacuum splints, pelvic slings, etc.) in a single bag and carrying them along to the place of action. The compartment on the front and on the back enables a quick access to the material. The compact form and the tarpaulin reinforced handle allow a balanced carrying comfort. Optionally available carrying straps offer the possibility of attachment directly to the spineboard in a few simple steps.

Perfectly equipped for the immobilization – structured and well thought-out

BALANCED CARRYING COMFORT

- Thanks to the tarpaulin reinforced handle and compact form

ADDITIONAL HANDLES

- For placing upright
- Attachment to the spine board

SUBDIVIDED COMPARTMENT

- With 6 compartments for holding cervical collars and pelvic slings



MAIN COMPARTMENT

- Large storage space for holding a KED system or alternatively a vacuum splint set

LARGE FRONT COMPARTMENT

- Equipped with horizontal double loops on the left and with vertical loops on the right
- For holding splints, pelvic slings, spiders, etc.



ATTACHMENT OPTION

- Optionally available carrying straps for attachment directly to the spineboard

1 Application example with BaXstrap spineboard from Laerdal Medical

LAERDAL is a registered trademark of Laerdal Medical AS, P.O. Box 377 N-4002 Stavanger, NO.

2 Application example with Scoop 65 EXL from FERNO Transport GmbH

FERNO is a registered trademark of FERNO-WASHINGTON INC, 45177-9371, Wilmington, USA.



| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|--|---------------------------|---------------------------|-----------------|--------------|-------------------|
| AEROTex® – PLAN ^{PRO} (Truck tarpaulin) | ● Luminous Red (RAL 3024) | approx. 84.5 x 24 x 29 cm | approx. 1.65 kg | approx. 59 l | HT13-IMMOBL2-7Y/Y |

AEROCASE® – FirstAid Bag

First aid bag with comfortable SIMS = Snap In Magnetic System, a wall hanging storage solution with magnetic closure. Excellent craftsmanship using high-quality materials.

- For stationary and mobile use, e.g. in workplaces, sports facilities, and other public institutions
- Structured and well thought-out internal compartments
- Generous space for extensive first aid equipment
- Lightweight and stable construction



Front compartment for accident book



Transparent side pockets

SIMS - Snap In Magnetic System



Wall bracket with magnetic closure

PERFECT EASE OF USE

- Generous access to the main compartment
- Well thought-out internal compartments for a clearly arranged first aid equipment
- Fixation loops in different sizes, arranged horizontally and vertically
- Roll-out inner compartments with closable transparent pockets and compartments
- Protection against dirt
- No slipping out of the equipment



approx. 90 cm

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------|-------------------------|----------------|--------------|--------------|
| AEROTex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | approx. 45 x 31 x 18 cm | approx. 1.1 kg | approx. 25 l | HT13-ABL1-R |

AEROCASE® – WEARbag

Spacious clothing bag in „Large / Extra Large“ made of AEROTex® – PLAN (Tarpaulin). The multifunctional spatial miracle – for the hygienic storage of your personal protective clothing and special equipment.

- Practical extension function for size adjustment as required
- Main compartment with 2 lateral inner pockets lengthwise as well as front compartment and lateral extra pocket
- Hygienic storage of clothing thanks to a separate boot compartment made of tarpaulin material
- Dust-proof zippers protect the interior against dirt
- Including padded back carrying straps and additional shoulder carrying strap



Extension function



Stable eyelets for attaching the carrying straps



Large main compartment



Separate boot compartment

THE QUALITY IN DETAIL



Extra strong and double riveted metal eyelets for shoulder carrying straps (colour markings R/L alignment)



Adapted reflective strips with our AEROCASE – A



Sewn-in black web label as a uniform design detail



Easy-grip, disinfected zipper pullers in Grey and optionally available in Luminous Yellow (HT10-ZP02C-Y/10 – SU 10 pcs)

VERSATILE CARRYING SYSTEM



Wide, padded back carrying straps



Additional shoulder carrying strap



Stable carrying handles



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------------|------|------------------------------|----------------|---------------------|---------------------|
| AEROTex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | L/XL | approx. 70 (80) x 40 x 45 cm | approx. 2.5 kg | approx. 126 (144) l | ① HT23-WEARBLXL1-69 |
| | ● Ultramarine Blue (RAL 5002) | | | | | ② HT23-WEARBLXL1-19 |
| | ● Luminous Yellow (RAL 1026) | | | | | ③ HT23-WEARBLXL1-99 |
| | ● Black | | | | | ④ HT23-WEARBLXL1-09 |
| | ● Luminous Red (RAL 3024) | | | | | ⑤ HT23-WEARBLXL1-79 |

AEROCASE® – ORGAbag DIN A4

Organizer in DIN A4 format for the clear organization and storage of forms, documents, vehicle papers, writing utensils, etc. With many practical details that simplify the daily use.



Snap Back handle

- When opened, the folder is flat on the ground



Including aluminum clipboard with anti-scratch coating, attachable and in the slide-in compartment on the back

FLEXIBLE ORGANIZATIONAL TALENTS

- Can be upgraded and retrofitted, you always make the right decision

SIMS - Snap In Magnetic System

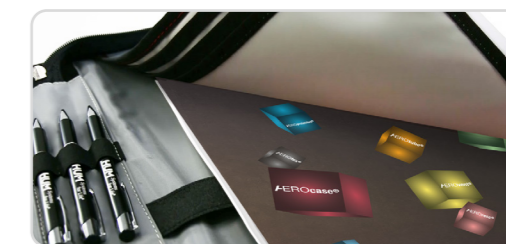


Colour-coded compartments

Key clip, to attach magnetically

Mask for 4-hole punch with integrated ruler

FILLING EXAMPLES



| Material | Colour | Dimensions (W x H x D) | Weight | Order number | |
|-----------------------------|-------------------------------|----------------------------|--------------|------------------|----------------|
| | | | | 4-hole punch | 2-hole punch |
| AEROTex® – PLAN (Tarpaulin) | ● Luminous Red (RAL 3024) | approx. 29 x 37.5 x 6.5 cm | approx. 1 kg | ① HT13-ORGAB41-7 | HT13-ORGAB42-7 |
| | ● Ultramarine Blue (RAL 5002) | | | ② HT13-ORGAB41-1 | HT13-ORGAB42-1 |
| | ● Luminous Yellow (RAL 1026) | | | ③ HT13-ORGAB41-9 | HT13-ORGAB42-9 |
| | ● Black | | | ④ HT13-ORGAB41-0 | HT13-ORGAB42-0 |
| | | | | ⑤ HT13-ORGAB41-0 | HT13-ORGAB42-0 |



Also available as a tactical variant in Black / Olive Green (further information on page 134)

AEROCASE® – Clipboard

Attachable aluminum clipboard with anti-scratch coating, available as a separately orderable spare part for the AEROCASE® – ORGAbag DIN A4. Supplied including loop tape.



With practical hanging feature

11 Spare Parts

| Material | Colour | Dimensions (W x H x D) | Weight | Order number |
|-----------|----------|---------------------------|-----------------|--------------------|
| Aluminium | ● Silber | approx. 23 x 32 x 0.10 cm | approx. 0.25 kg | HT00-ORGAB4-CB1/KB |

AEROCASE® – ORGAbag DIN A5

Organizer in DIN A5 format for the clear organization and storage of forms, documents, vehicle papers, writing utensils, etc. With many practical details that simplify the daily use.

SIMS - Snap In Magnetic System



Key clip, to attach magnetically



CLEAR INTERIOR LAYOUT

- Transparent inner pockets
- Elastic fixation loops for writing utensils

FILLING EXAMPLES



| Material | Colour | Dimensions (W x H x D) | Weight | Order number |
|-----------------------------|-------------------------------|--------------------------|----------------|------------------|
| AEROTEX® – PLAN (Tarpaulin) | ● Ultramarine Blue (RAL 5002) | approx. 29 x 22.5 x 5 cm | approx. 0.5 kg | ① HT13-ORGAB51-1 |
| | ● Luminous Yellow (RAL 1026) | | | ② HT13-ORGAB51-9 |
| | ● Black | | | ③ HT13-ORGAB51-0 |
| | ● Luminous Red (RAL 3024) | | | ④ HT13-ORGAB51-7 |

AEROCASE® EMS



Our AEROCASE® – EMS product series appeals to users who are looking for a product series developed for continuous use, offering an excellent price-performance ratio. The product range consists of our tested and proven MPXL1C – the original emergency backpack of its kind, made from extremely durable tarpaulin material – and our MEDpacks, the next generation of EMS emergency backpacks with even more versions.

Complementing the range, we offer a variety of mission-specific emergency bags for every type of patient care, distinguished by their high quality and exceptional reliability.



The AEROcase® – MEDpacks



Innovative | Variable | SMART BAGtag

EMS Designed for continuous use, with an excellent price-performance ratio

Discover the next generation of emergency backpacks in our AEROcase® – EMS series. We are pleased to present our new concept – the “MEDpack”, with a total of four models: AEROcase® – MEDpack Basic, SEG, AED and Ampoule. Our EMS series ensures professionalism for maximum operational readiness to meet the various requirements of a comprehensive emergency care.

THE NEW FEATURES

- **With hook-and-loop or magnetic system in the lower shell:** We offer you maximum flexibility!
- **Improved modular bags:** 4 optimised standard modular bags (multicolour) for more storage options as well as additional modular bag sets for medications, oxygen, and front pockets.
- **New carrying system for additional comfort:** back carrying straps with improved padding including chest strap and arrangement for different body shapes – also available as a set of spare parts
- **Brand new design:** facelift of the previous EMS Emergency Backpacks, with AEROcase® – MEDpack Basic as standard model with enlarged front pockets, alternatively for specific areas of application such as SEG, AED and medications
- **AEROcase® – SMART BAGtag:** retrofittable NFC chips for reading and writing personal data via smartphone (HF, range up to 2 m)
- All lower shells have the same design, only the upper shells indicate the different MEDpack version.



THE NEW MODELS



AEROcase® – MEDpack SEG

AEROcase® – MEDpack AED

AEROcase® – MEDpack Basic

AEROcase® – MEDpack Ampoule



Hook-and-loop system in the lower shell



Magnetic system in the lower shell

AEROcase® – Modular Bag Sets for MEDpacks

All MEDpacks are supplied with 4 standard modular bags, which can also be reordered individually. Depending on the choice of emergency backpack, the modular bags have either a hook-and-loop or magnetic system (3 x 5 grid). We also offer an ampoule case plus additional sets for oxygen and front pockets.



Hook-and-loop system



Magnetic system



AEROcase® – Supplementary MCAL2 Ampoule Case

THE NEW MODELS



AEROcase® – Modular Bag Set Standard



AEROcase® – Optional Modular Bag Set Oxygen Accessory



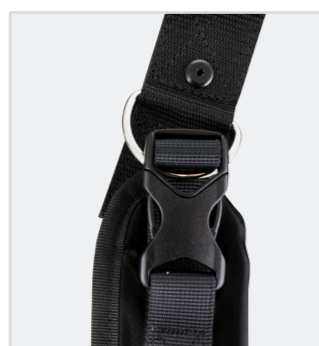
AEROcase® – Optional Modular Bag Set Front Pocket Accessory



With retrofittable NFC technology



Optionally with magnet or hook-and-loop



Includes chest strap for a secure fit



Application example



Further information on the SMART BAGtag with RFID or NFC

AEROCASE® – MEDpack SEG

NEW

Extremely durable emergency backpack EMS of the next generation in "Extra Large", made of AEROTex® – PLAN (Tarpaulin), developed for continuous use in emergency medical services. Ensures safe transport of emergency equipment with maximum carrying comfort and especially large capacity.

- Lower shell with sewn-in hook-and-loop system for 4 modular bags or, alternatively, with a welded magnetic system (3 x 5 grid) for 4 matching modular bags
- Optional supplementary modular bag set for oxygen
- Inside of the lid with various compartments and loops, suitable for documentation such as medical emergency triage tags (Met-Tags), for small equipment and pens
- With flat front compartment, suitable for e.g. clipboard
- With numerous details, such as comfort carrying handles, removable padded back carrying straps, bidirectional zippers, reinforced bottom protection and much more
- Replaceable back carrying straps available as a set – Black with yellow reflective (HT03-MMP01-GR2-0Y) | Black with white reflective (HT03-MMP01-GR2-0W)



Incl. 4 modular bags with hook-and-loop or magnetic system as well as various compartments and loops



With flat front compartment, suitable for e.g. clipboard



Application example



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number | |
|-----------------------------|-------------------------------|------|-------------------------|----------------|--------------|-------------------------|-------------------------|
| | | | | | | Hook-and-loop system | Magnetic system |
| AEROTex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | XL | approx. 37 x 51 x 18 cm | approx. 2.9 kg | approx. 34 l | ① HT03-MMP01-SEG1XLC-R | ① HT03-MMP11-SEG1XLC-R |
| | ● Ultramarine Blue (RAL 5002) | | | | | ② HT03-MMP01-SEG1XLC-B | ② HT03-MMP11-SEG1XLC-B |
| | ● Luminous Yellow (RAL 1026) | | | | | ③ HT03-MMP01-SEG1XLC-Y | ③ HT03-MMP11-SEG1XLC-Y |
| | ● Luminous Red (RAL 3024) | | | | | ④ HT03-MMP01-SEG1XLC-LR | ④ HT03-MMP11-SEG1XLC-LR |

AEROCASE® – MEDpack AED

NEW

AED emergency backpack EMS of the next generation in "Extra Large", made of extremely durable AEROTex® – PLAN (Tarpaulin), developed for continuous use in emergency medical services. Ensures safe transport of emergency equipment with maximum carrying comfort and especially large capacity.

- Lower shell with sewn-in hook-and-loop system for 4 modular bags or, alternatively, with a welded magnetic system (3 x 5 grid) for 4 matching modular bags
- Optional supplementary modular bag set for oxygen
- Upper shell with hinged front wall as well as numerous transparent compartments and fixation loops
- Large AED front pocket, further small front pocket as well as 2 small and 1 elongated side pocket
- With numerous details, such as comfort carrying handles, removable padded back carrying straps, bidirectional zippers, reinforced bottom protection and much more
- Replaceable back carrying straps available as a set – Black with yellow reflective (HT03-MMP01-GR2-0Y)



Incl. 4 modular bags with hook-and-loop or magnetic system as well as numerous transparent compartments and fixation loops



With large AED front pocket



Application example

| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number | |
|-----------------------------|---------------------------|------|-------------------------|----------------|--------------|-----------------------|-----------------------|
| | | | | | | Hook-and-loop system | Magnetic system |
| AEROTex® – PLAN (Tarpaulin) | ● Luminous Red (RAL 3024) | XL | approx. 48 x 51 x 32 cm | approx. 3.4 kg | approx. 58 l | HT03-MMP01-AED1XLC-LR | HT03-MMP11-AED1XLC-LR |

AEROCASE® – MEDpack Basic

NEW

Extremely durable emergency backpack EMS of the next generation in "Extra Large", made of AERotex® – PLAN (Tarpaulin), developed for continuous use in emergency medical services. Ensures safe transport of emergency equipment with maximum carrying comfort and especially large capacity.

- Lower shell with sewn-in hook-and-loop system for 4 modular bags or, alternatively, with a welded magnetic system (3 x 5 grid) for 4 matching modular bags
- Optional supplementary modular bag set for oxygen, as well as a modular bag set and precisely adapted, revised MCAL2 ampoule case for the front pockets
- Upper shell with hinged front wall as well as numerous transparent compartments and fixation loops
- 2 particularly large front pockets and a flat front compartment, 2 small and 1 elongated side pocket
- With numerous details, such as comfort carrying handles, removable padded back carrying straps, bidirectional zippers, reinforced bottom protection and much more
- Replaceable back carrying straps available as a set – Black with yellow reflective (HT03-MMP01-GR2-0Y) | Black with white reflective (HT03-MMP01-GR2-0W)



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number | |
|-----------------------------|-------------------------------|------|-------------------------|----------------|--------------|-----------------------|-----------------------|
| | | | | | | Hook-and-loop system | Magnetic system |
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | XL | approx. 48 x 51 x 32 cm | approx. 3.9 kg | approx. 60 l | ① HT03-MMP01-B1XLC-R | ① HT03-MMP11-B1XLC-R |
| | ● Ultramarine Blue (RAL 5002) | | | | | ② HT03-MMP01-B1XLC-B | ② HT03-MMP11-B1XLC-B |
| | ● Luminous Yellow (RAL 1026) | | | | | ③ HT03-MMP01-B1XLC-Y | ③ HT03-MMP11-B1XLC-Y |
| | ● Luminous Red (RAL 3024) | | | | | ④ HT03-MMP01-B1XLC-LR | ④ HT03-MMP11-B1XLC-LR |

AEROCASE® – MEDpack Ampoule

NEW

Extremely durable emergency backpack EMS of the next generation in "Extra Large", made of AERotex® – PLAN (Tarpaulin), for the secure storage of an ampoule case via the quick-access insertion compartment. Compact transport of emergency equipment with maximum carrying comfort and especially large storage capacity.

- Lower shell with sewn-in hook-and-loop system for 4 modular bags or, alternatively, with a welded magnetic system (3 x 5 grid) for 4 matching modular bags
- Optional supplementary modular bag sets for oxygen and the front pockets
- Upper shell with hinged front wall as well as numerous transparent compartments and fixation loops
- Quick access slide-in compartment for separately available MCAL2 ampoule case (see page 100), as well as with further small front pocket and a flat front compartment
- With numerous details, such as comfort carrying handles, removable padded back carrying straps, bidirectional zippers, reinforced bottom protection and much more
- Replaceable back carrying straps available as a set – Black with yellow reflective (HT03-MMP01-GR2-0Y)



| Material | Colour | Size | Dimensions (W x H x D) | Weight* | Volume* | Order number | |
|-----------------------------|-------------------------|------|-------------------------|----------------|--------------|----------------------|----------------------|
| | | | | | | Hook-and-loop system | Magnetic system |
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | XL | approx. 37 x 51 x 32 cm | approx. 3.7 kg | approx. 58 l | HT03-MMP01-AMP1XLC-R | HT03-MMP11-AMP1XLC-R |

*Weight and volume without ampoule case - separately available

AEROCASE® – Modular Bag MCAL 2.0 Ampoule Case

Accessories

NEW

Ampoule case of the next generation in "Large" made of AEROTex® – PLAN (Tarpaulin), ideally suited as a stand-alone bag or optional accessory for the front pockets of the AEROCASE® – MEDpack Ampoule as well as of the AEROCASE® – MEDpack Basic. For the shatter-proof storage of ampoules, cannulas and syringes.

- Choice of three removable ampoule rail systems
 - EASY Click
 - Loop strips
 - Metal rails (similar to the "Ulmer Koffer")
- Stable removable divider with spacious mesh pockets for syringes, cannulas, etc.
- All-round integrated padding protects the contents from shattering
- Generous transparent window for parts list / labelling
- Bidirectional zipper with zipper puller

EXACT FIT FOR THE MEDPACK AMPOULE AS WELL AS THE FRONT POCKETS OF THE MEDPACK BASIC



Application example: EASYclick



EASYclick: 6 rails



Loop strips: 6 rails



Metal rails: 6 rails



Large ampoule case with extensive storage space



Application example

| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number | | |
|-----------------------------|-----------------------|------|---------------------------|----------------|-------------|-------------------|-------------------|-------------------|
| | | | | | | EASYclick | Loop strips | Metal rails |
| AEROTex® – PLAN (Tarpaulin) | Signal Red (RAL 3001) | L | approx. 27 x 23 x 14.5 cm | approx. 0.8 kg | approx. 9 l | ① HT03-MCAL2-EC-R | ② HT03-MCAL2-SL-R | ③ HT03-MCAL2-MB-R |

AEROCASE® – Modular Bag Set, Front Pocket Accessory

Accessories

NEW

An optional front pocket accessory set can be ordered for the front compartments of the MEDpack, providing you with additional options for individual organisation.



Hook-and-loop system



Application example

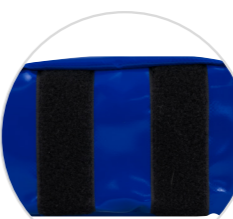
| Material | Colour | Size Grid | Dimensions (W x H x D) | Volume | Order number |
|-----------------------------|--------|-------------|-------------------------|---------------|---------------------|
| AEROTex® – PLAN (Tarpaulin) | Grey | 1 x 2 | approx. 11 x 11 x 23 cm | approx. 2.8 l | HT03-MMP01-C-SET/FP |
| AEROTex® – PLAN (Tarpaulin) | Grey | 1 x 2 | approx. 11 x 11 x 23 cm | approx. 2.8 l | |

AEROCASE® – Modular Bag Set, Oxygen Accessory

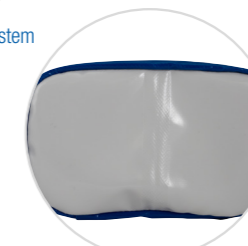
Accessories

NEW

An optional accessory set for accommodating your oxygen cylinder can be ordered, which replaces standard modular bags.



Hook-and-loop system



Magnetic system



Application example

| Material | Colour | Size Grid | Dimensions (W x H x D) | Volume | Order number | |
|-----------------------------|-----------------------------|-------------|-------------------------|---------------|----------------------|---------------------|
| | | | | | Hook-and-loop system | Magnetic system |
| AEROTex® – PLAN (Tarpaulin) | Ultramarine Blue (RAL 5002) | 1 x 2 | approx. 11 x 11 x 20 cm | approx. 2.4 l | HT03-MMP01-C-SET/O2 | HT03-MMP11-C-SET/O2 |
| | | 1 x 5 | approx. 11 x 12 x 46 cm | approx. 6.1 l | | |

AEROCASE® – Modular Bag Set, Standard

Spare Parts

NEW

All MEDpacks come standard with four precisely fitting, colour-coded modular bags, which have been further optimised and are especially notable for their generous storage space.



Hook-and-loop system



Magnetic system



Application example

| Material | Colour | Size Grid | Dimensions (W x H x D) | Volume | Order number | |
|-----------------------------|-----------------------------|-------------|---|---------------------------------|----------------------|------------------|
| | | | | | Hook-and-loop system | Magnetic system |
| AEROTex® – PLAN (Tarpaulin) | Signal Red (RAL 3001) | 1 x 3 | approx. 11 x 11 x 28.5 cm (per modular bag) | approx. 3.5 l (per modular bag) | HT03-MMP01-C-SET | HT03-MMP11-C-SET |
| | Ultramarine Blue (RAL 5002) | | | | | |
| | Luminous Yellow (RAL 1026) | | | | | |
| | Grey | | | | | |
| | | 3 x 2 | approx. 34 x 11 x 16 cm | approx. 6 l | | |

AEROCASE® – MPXL1C

Extremely durable emergency backpack EMS in "Extra Large" made of AERotex® – PLAN (Tarpaulin), available in different colours as well as in black with a special matt finish. Developed for the continuous use in the emergency medical service and for civil protection.

- Two-part interior with 7 transparent modular bags in different sizes
- Integrated oxygen cylinder holder for oxygen cylinder (0.8 | 1 | 2 liters)
- Hinged front and center wall with numerous transparent compartments and fixation loops
- Additional fixation loops: front pocket below, within inner frame
- 2 small and 1 elongated side pocket, 2 large front pockets and document compartment
- 2 ergonomic comfort carrying handles on top and lateral side
- Removable padded back carrying straps with quick release straps for fixation on the body
- Bidirectional zippers
- Reinforced bottom protection

THE QUALITY IN DETAIL



Hook-and-loop strip for patches



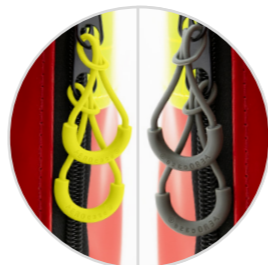
Robust, non-slip, disinfectable carrying handles



Transparent window for inserting labels



Extra strong and double riveted metal eyelets for back carrying straps (colour markings R/L alignment)



Easy-grip, disinfectable zipper pullers in Luminous Yellow and optionally available in Grey (HT10-ZP02C-Y/10 – SU 10 pcs)



180°



Including 7 modular bags



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------------|------|-------------------------|----------------|--------------|-------------------|
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | XL | approx. 50 x 52 x 25 cm | approx. 4.1 kg | approx. 59 l | ● HT03-MPXL1C-R |
| | ● Ultramarine Blue (RAL 5002) | | | | | ● HT03-MPXL1C-B |
| | ● Luminous Yellow (RAL 1026) | | | | | ● HT03-MPXL1C-Y |
| | ● Jet Black (RAL 9005) | | | | | ● HT03-MPXL1C-BLK |
| | ● Luminous Red (RAL 3024) | | | | | ● HT03-MPXL1C-LR |

AEROCASE® – MPXL1C | Spare Parts

11 Spare Parts

BACK CARRYING STRAPS



| Material | Colour | Suitable for | Alignment | Order number |
|-----------------------------|-------------------------------|---------------|-----------|----------------------|
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | HT03-MPXL1C-R | Right | ● HT03-MPXL1C-GR/R-R |
| | | | Left | ● HT03-MPXL1C-GR/L-R |
| | ● Ultramarine Blue (RAL 5002) | HT03-MPXL1C-B | Right | ● HT03-MPXL1C-GR/R-B |
| | | | Left | ● HT03-MPXL1C-GR/L-B |
| | ● Luminous Yellow (RAL 1026) | HT03-MPXL1C-Y | Right | ● HT03-MPXL1C-GR/R-Y |
| | | | Left | ● HT03-MPXL1C-GR/L-Y |

MODULAR BAGS



| Material | Colour | Suitable for | Size | Order number |
|-----------------------------|-------------------------|---------------------------|------|---------------------|
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | Emergency Backpack MPXL1C | S | ● HT03-MPXL1-CS-R |
| | ● Grey | | | ● HT03-MPXL1-CS-GR |
| | ● Signal Red (RAL 3001) | | M | ● HT03-MPXL1-CM-R |
| | ● Grey | | | ● HT03-MPXL1-CM-GR |
| | ● Signal Red (RAL 3001) | | L | ● HT03-MPXL1-CL-R |
| | ● Grey | | | ● HT03-MPXL1-CL-GR |
| | ● Signal Red (RAL 3001) | | XL | ● HT03-MPXL1-CXL-R |
| | ● Grey | | | ● HT03-MPXL1-CXL-GR |

AEROCASE® – SEG XL

LAST CHANCE

Extremely durable SEG emergency backpack of the EMS series in “Extra Large” in a slim design. Made of AEROTex® – PLAN (Tarpaulin), available in different colours as well as in black with a special matt finish. Developed for the continuous use in the emergency medical service and for MANV scenarios. Safe transport of emergency equipment with the highest possible carrying comfort and with large space. Delivery including 4 modular bags.

- Interior with 4 modular bags with hook-and-loop fastening
- Inside of the lid with various compartments and loops, suitable for documentation such as medical emergency triage tags (Met-Tags), for small equipment and pens
- With flat front compartment, suitable for e.g. clipboard
- Robust, non-slip, disinfectable carrying handles
- Transparent window for inserting labels
- Extra strong and double riveted metal eyelets for back carrying straps (colour markings R/L alignment)
- Easy-grip, disinfectable zipper pullers in Luminous Yellow and optionally available in Grey (HT10-ZP02C-GR/10 – SU 10 pcs)



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------------|------|-------------------------|-----------------|--------------|----------------------|
| AEROTex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | XL | approx. 37 x 54 x 17 cm | approx. 3.26 kg | approx. 34 l | ① HT03-MPSEGXL1C-R |
| | ● Ultramarine Blue (RAL 5002) | | | | | ② HT03-MPSEGXL1C-B |
| | ● Luminous Yellow (RAL 1026) | | | | | ③ HT03-MPSEGXL1C-Y |
| | ● Jet Black (RAL 9005) | | | | | ④ HT03-MPSEGXL1C-BLK |
| | ● Luminous Red (RAL 3024) | | | | | ⑤ HT03-MPSEGXL1C-LR |

Ampoule Cases

AEROCASE® – MCAS1

EMS ampoule case in “Small” made of AEROTex® – PLAN (Tarpaulin) for the shatter-proof storage of ampoules, cannulas and syringes.

SMALL AMPOULE CASE

- Holds 50 ampoules (24x 1 ml | 14x 1 - 2 ml | 7x 5 ml | 5x 10 ml)
- Removable divider with hook-and-loop material
- Incorporated fixation loops on both sides
- Transparent window for a parts list
- All-round integrated foam protects the contents from shattering
- Hook-and-loop strip on the back for the optimal attachment in emergency cases
- Space-saving storage in emergency bags or backpacks



Holds 50 ampoules



Removable divider with hook-and-loop material

| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------|------|--------------------------|-----------------|---------------|--------------|
| AEROTex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | S | approx. 18 x 14 x 7.5 cm | approx. 0.23 kg | approx. 1.9 l | HT03-MCAS1-R |

AEROCASE® – Belt Ampoule Holder

Belt Ampoule Holder EMS in “Medium” made of red AEROTex® – PLAN (Tarpaulin) with special finish, for the shatterproof storage of ampoules directly on the belt. Suitable as a space-saving alternative for placement in emergency backpacks or bags.

- Made from water-repellent and disinfectable tarpaulin material with a special matt finish
- Available in Signal Red (RAL 3001)
- Suitable for holding 8 large ampoules (10 ml) or up to 16 small ampoules (1 - 2 ml)
- With practical belt loop for fixed attachment and a belt clip for removable attachment on the back
- Divider made of film for labelling
- Incorporated fixation loops on both sides
- All-round integrated foam protects the contents from shattering



Divider made of film for labelling

| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------|------|------------------------|----------------|----------------|---------------|
| AEROTex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | S | approx. 12 x 8 x 5 cm | approx. 0.1 kg | approx. 0.48 l | HT13-SBGA01-R |

AEROCASE® – MCIS1

Intubation bag EMS in “Small” made of AEROTex® – DURA (Nylon) for holding the materials required for airway management, such as endotracheal tubes, stylets, laryngoscope blades and other items.

INTUBATION BAG MCIS1

Space-saving, rollable intubation bag made of durable nylon material AEROTex® – DURA (Nylon).

- High-quality nylon: particularly tear-resistant fibers | Durable and long lasting
- Clearly structured interior with wide, stable fixation loops
- Spacious inner pocket that can be closed separately
- Lateral flaps protect the contents from falling out
- Length-adjustable closure strap with width adjustment via hook-and-loop fastener



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-------------------------|--------------------|------|------------------------|-----------------|-------------|--------------|
| AEROTex® – DURA (Nylon) | ● Ultramarine Blue | S | approx. 30 x 16 x 4 cm | approx. 0.24 kg | approx. 2 l | HT01-MCIS1-B |

AEROCASE® – MCIL1

Intubation bag EMS in “Large” made of AEROTex® – PLAN (Tarpaulin) for holding the materials required for airway management, such as endotracheal tubes, stylets, laryngoscope blades and other items.

INTUBATION BAG MCIL1

- Large spacious intubation bag made of durable AEROTex® – PLAN (Tarpaulin)
- Robust and well-disinfectable processed materials
- Elastic fixation loops on the bottom and lid
 - Fixed fixation loops for items such as Guedel tubes, laryngoscope blades and handles, Magill forceps and stylets
 - Fixation loops with snaps for items such as tube holders and plaster roll
- Transparent compartments with magnetic closure for storing endotracheal tubes and laryngeal masks
- Transparent window on the front for parts list / labelling
- Hook-and-loop strip on the back for the optimal attachment in emergency cases
- Bidirectional zipper with zipper puller



Hook-and-loop strip for attachment

Fixation loops and compartments

| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------------|------|-------------------------|-----------------|-------------|--------------|
| AEROTex® – PLAN (Tarpaulin) | ● Ultramarine Blue (RAL 5002) | L | approx. 35 x 25 x 10 cm | approx. 0.90 kg | approx. 9 l | HT03-MCIL1-B |

AEROCASE® – MBOL2

FACELIFT

Emergency oxygen bag EMS in “Large” made of blue AEROTex® – PLAN (Tarpaulin). The model features a new angular shape and size for additional stability and more storage space, as well as an interior lining made of tarpaulin for improved cleaning.

- Padded outer walls to protect the equipment
- Main compartment made of robust AEROTex® – PLAN (Tarpaulin) with fixation straps for oxygen cylinders (2 | 5 liters), also suitable for combination valves with integrated pressure reducer, as well as additional storage compartments ❶
- External front pocket ❷ with hook-and-loop strip for the storage of additional respiratory accessories
- Locking strap to restrict the max. opening width ❸
- EASY Access Window to regulate the O₂ flow and control the cylinder contents ❹
- Comfortable transport with padded shoulder carrying strap or wide carrying straps ❺
- Fixation straps for transport to a stretcher ❻



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------------|------|-------------------------|-----------------|--------------|--------------|
| AEROTex® – PLAN (Tarpaulin) | ● Ultramarine Blue (RAL 5002) | L | approx. 61 x 24 x 30 cm | approx. 1.25 kg | approx. 44 l | HT03-MBOL2-B |



Our AEROCASE® – 1R product series is your preferred choice for first responders looking for professional equipment at an entry-level price. These products for medical first aid stand out due their compact and lightweight design, a well-thought-out internal structure for optimal organisation and quick access to essential equipment in critical situations.

Whether it's our popular RESPONDERpack – the bestseller in our 1R series – or our RESPONDERbags in various sizes and with individual compartment separation, our containers are designed to support safe and efficient field operations.



AEROCASE® – RESPONDERpack

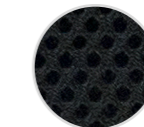
Emergency backpack 1R in "Large" made of AEROTEX® – PLAN (Tarpaulin) or AEROTEX® – PES (Polyester).

- Main compartment with stable body frame and removable partition
- 5 transparent, dimensionally stable modular bags with hook-and-loop fastening in the interior: 3 in the main compartment, 2 in the unfoldable front
- Elastic fixation straps inside, 2 side pockets, 2 front pockets, transparent compartment
- Ergonomically improved carrying handle and padded back carrying straps with quick release straps for fixation to the body
- Reinforced bottom protection made of tarpaulin material
- Bidirectional zippers
- Hook-and-loop strip for patches



Padded, ergonomic back carrying straps

Mesh in the back area



For all models



High-quality black AEROTEX® – PES (Polyester) in the interior of the main compartment and the front pocket

Particularly tear-resistant and easily washable; for all models



Clear interior concept

INDIVIDUAL ORGANIZATION

- 5 modular bags in different sizes
- Tarpaulin – single colour
- Polyester – colour-coded
- Transparent window and handles



Model: tarpaulin



Model: polyester

AERotex® – PLAN



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Equipment | Order number |
|-----------------------------|-------------------------------|------|-------------------------|--------------|--------------|---|------------------|
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | L | approx. 36 x 47 x 26 cm | approx. 2 kg | approx. 44 l | Modular Bag Set, Tarpaulin, Red | ① HT03-RPL1C-R |
| | ● Ultramarine Blue (RAL 5002) | | | | | Modular Bag Set, Tarpaulin, Blue | ② HT03-RPL1C-B |
| | ● Luminous Yellow (RAL 1026) | | | | | Modular Bag Set, Tarpaulin, Luminous Yellow | ③ HT03-RPL1C-Y |
| | ● Jet Black (RAL 9005) | | | | | Modular Bag Set, Tarpaulin, Jet Black | ④ HT03-RPL1C-BLK |
| | ● Signal Violet (RAL 4008) | | | | | Modular Bag Set, Tarpaulin, Violet | ⑤ HT03-RPL1C-V |
| | ● Luminous Red (RAL 3024) | | | | | Modular Bag Set, Tarpaulin, Luminous Red | ⑥ HT03-RPL1C-LR |

AERotex® – PES



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Equipment | Order number |
|----------------------------|--------------------|------|-------------------------|----------------|--------------|-------------------------------------|------------------|
| AERotex® – PES (Polyester) | ● Signal Red | L | approx. 36 x 47 x 26 cm | approx. 1.7 kg | approx. 44 l | Modular Bag Set Polyester, 5-colour | ⑥ HT01-RPL1C-R |
| | ● Ultramarine Blue | | | | | | ⑦ HT01-RPL1C-B |
| | ● Black | | | | | | ⑧ HT01-RPL1C-BLK |

Modular Bag Sets



| Material | Colour | Order number |
|-----------------------------|-------------------------------|-----------------------|
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | ① HT03-RPL1-C-SET-R |
| | ● Ultramarine Blue (RAL 5002) | ② HT03-RPL1-C-SET-B |
| | ● Luminous Yellow (RAL 1026) | ③ HT03-RPL1-C-SET-Y |
| | ● Jet Black (RAL 9005) | ④ HT03-RPL1-C-SET-BLK |
| | ● Luminous Red (RAL 3024) | ⑤ HT03-RPL1-C-SET-LR |
| | ● Signal Violet (RAL 4008) | ⑥ HT03-RPL1-C-SET-V |
| AERotex® – PES (Polyester) | ● ● ● ● ● 5-colour | ⑦ HT03-RPL1-C-SET |
| | ● ● ● ● ● 5-colour | ⑧ HT01-RPL1-C-SET |

HUM
Systems for Life®

AEROCASE® – RESPONDERbag S | M | L

Emergency bag 1R in “Small”, “Medium” and “Large” made of AEROTEX® – PLAN (Tarpaulin) or AEROTEX® – PES (Polyester). Ideal for professional first aid. Extremely robust, durable and dimensionally stable constructed as well as equipped with high-quality wide zippers.



SIZE S

For holding of smaller basic equipments



SIZE M

With additional extra space for an extended basic equipment



SIZE L

With divided front pocket, many additional fixation loops, compartments and large lid pocket

PROCESSING DETAILS

- Zipper in signal colour for improved visibility
- Wide hook-and-loop strip (4 cm) for patches
- All-round highly reflective strips
- Transparent compartment for the clearly visible storage of documents and information

PROFESSIONALLY ORGANIZED

2 large side pockets

- Plenty of optional storage space

Spacious front pocket

- Large front pocket with more sorting options

Protected bottom area

- Trough shaped bottom made of stable tarpaulin material
- 5 robust plastic pyramid feet
- Stability and protection



Wide hook-and-loop strip for attaching individual patches



5 robust plastic pyramid feet



Zipper in signal colour



Including shoulder carrying strap

Further equipment details RESPONDERbag S | M

CLEARLY ARRANGED INTERIOR

- Large and clear space
- Inside zipper compartment in the lid
- Three-part main compartment with fixed interior division
- Reasonable arranged fixation loops
 - in the lid
 - at the inner backside

FLEXIBLE

- Compact and space-saving design
- Multifunctional storage compartments
- Easy to use

ALL-ROUND PROTECTION

- Very robust and durable
- Dimensionally stable construction

MORE ROOM FOR MANEUVER

- Supplied with shoulder carrying strap
- Hands free for more mobility

PADDED INTERIOR DIVISION

- Protects the equipment
- Ensures order

LARGE TRANSPARENT COMPARTMENT

- Plenty of space to quickly identify documents and information



Lid for individual labelling

Further equipment details RESPONDERbag L

PROFESSIONALLY ORGANIZED

- Very large amount of space for extensive equipment
- Inside zipper compartment in the lid
- Structured, practical interior division
- Interior with variable partitioning system
- Robust fixation loops (Quality A) in:
 - interior
 - front pocket

DIVIDED FRONT POCKET

- Many useful loops and dividers of different sizes
- Can be used e.g. for infusion accessories, diagnostic devices, etc

OPTIMAL PROTECTION

- Reinforced side walls
- All-round padded
- Protected bottom area

VARIABLE INTERIOR

- Removable and divisible bars



Elaborately divided front pocket

AEROCASE® – RESPONDERbag S



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------------|------|-------------------------|----------------|--------------|-----------------|
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | S | approx. 37 x 21 x 27 cm | approx. 1.0 kg | approx. 21 l | ① HT03-RBS1-R |
| | ● Ultramarine Blue (RAL 5002) | | | | | ② HT03-RBS1-B |
| | ● Luminous Yellow (RAL 1026) | | | | | ③ HT03-RBS1-Y |
| | ● Jet Black (RAL 9005) | | | | | ④ HT03-RBS1-BLK |
| | ● Luminous Red (RAL 3024) | | | | | ⑤ HT03-RBS1-LR |
| AERotex® – PES (Polyester) | ● Signal Red | | | approx. 0.7 kg | | ⑥ HT01-RBS1-R |
| | ● Ultramarine Blue | | | | | ⑦ HT01-RBS1-B |

AEROCASE® – RESPONDERbag M



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------------|------|-------------------------|----------------|--------------|-----------------|
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | M | approx. 43 x 25 x 27 cm | approx. 1.0 kg | approx. 29 l | ① HT03-RBM1-R |
| | ● Ultramarine Blue (RAL 5002) | | | | | ② HT03-RBM1-B |
| | ● Luminous Yellow (RAL 1026) | | | | | ③ HT03-RBM1-Y |
| | ● Jet Black (RAL 9005) | | | | | ④ HT03-RBM1-BLK |
| | ● Luminous Red (RAL 3024) | | | | | ⑤ HT03-RBM1-LR |
| AERotex® – PES (Polyester) | ● Signal Red | | | approx. 0.8 kg | | ⑥ HT01-RBM1-R |
| | ● Ultramarine Blue | | | | | ⑦ HT01-RBM1-B |

AEROCASE® – RESPONDERbag L



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------------|------|-------------------------|----------------|--------------|-----------------|
| AERotex® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | L | approx. 52 x 32 x 32 cm | approx. 1.5 kg | approx. 53 l | ① HT03-RBL1-R |
| | ● Ultramarine Blue (RAL 5002) | | | | | ② HT03-RBL1-B |
| | ● Luminous Yellow (RAL 1026) | | | | | ③ HT03-RBL1-Y |
| | ● Jet Black (RAL 9005) | | | | | ④ HT03-RBL1-BLK |
| | ● Luminous Red (RAL 3024) | | | | | ⑤ HT03-RBL1-LR |
| AERotex® – PES (Polyester) | ● Signal Red | | | approx. 1.2 kg | | ⑥ HT01-RBL1-R |
| | ● Ultramarine Blue | | | | | ⑦ HT01-RBL1-B |
| | ● Black | | | | | ⑧ HT01-RBL1-BLK |

HUM
Systems for Life®

AEROCASE® – RBVM1C

Extremely robust emergency bag in “Medium”, made of red AEROTEX® – PLAN (Tarpaulin) with variable interior design, including oxygen cylinder holder. Supplied with 4 modular bags.

- Integrated holder for 0.8 | 1 | 2 liter oxygen cylinder
- Variably divisible main compartment with 3 removable partitions for an individual compartment separation
- 4-colour coded inner bags with carrying straps for the individual organization – visible, portable and stable
- Inner compartment in the inside modular bag cover / closure flap
- Large transparent compartment on the front for individual labelling
- Equipped with carrying handles, a combined removable shoulder / back strap and 5 plastic feet
- Bidirectional zipper



Hook-and-loop strip for patches



Variable divided main compartment with partitions



Integrated holder for O₂ cylinder



In the upper part of the bag, the modular bags are secured with a closure flap



Including 4-colour coded modular bags

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------|-------------------------|-----------------|--------------|--------------------|
| AEROTEX® – PLAN (Tarpaulin) | ● Signal Red (RAL 3001) | approx. 47 x 28 x 25 cm | approx. 2.48 kg | approx. 33 l | ① HT03-RBVM1C |
| | ● ● ● ● 4-colour | approx. 24 x 13 x 10 cm | - | - | ② HT03-RBVM1-C-SET |

BACKPACKS & BAGS | DEFENCE

AEROCASE® stands for our professional emergency and transport containers that withstand the rigours of your operations. Whether in military operations or in Public Safety Authority first responder services – with us you get the quality your task requires.

GENERAL INFORMATION ON TACTICAL BACKPACKS & BAGS | DEFENCE

- All dimensions are given without handle and are subject to an industry-standard production tolerance of ±1.5 cm per dimension.
- The weight is inclusive of modular bags, without any contents.
- The volume results from the main compartment as well as all external pockets and compartments.
- Any contents shown are for illustration purposes only and are not included in the scope of supply.
- We reserve the right to make changes to the advertised products; features may also be adjusted based on further field trials.

The CORDURA® brand stated below is a registered trademark of INVISTA NORTH AMERICA S.à r.l., 4123 E. 37th Street North, Wichita, KS 67220, USA.



AEROCASE® – PROpack GTSB - TAC | GT - TAC | GTB - TAC

Professional, handcrafted operational backpacks characterised by durability under the toughest conditions. Each PROpack consists of a spacious lower and upper shell or a lid and is available in Black and, upon request, in Olive Green. Inside, our patented magnetic system ensures the secure fixation of the separately available modular bags, allowing fast, uncomplicated removal as well as a fully individualisable organisation. Thanks to the superior EASY Clean hygiene concept, the operational backpacks can be easily and hygienically reprocessed and are ready for use again particularly quickly.

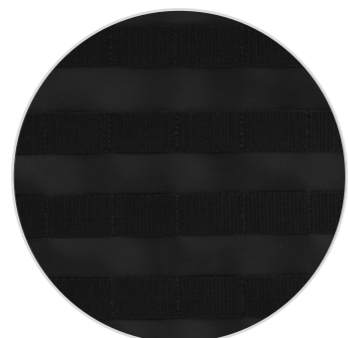
THE QUALITY IN DETAIL

- Padded back area, additionally padded back carrying straps including chest strap and with arrangement for various body shapes – for maximum carrying comfort
- Individually replaceable back carrying straps at any time
- Reinforced edge protection and abrasion protection through the use of PVC and CSM at wear-sensitive points and surfaces (all models except PROpack GTSB)
- Robust, non-slip carrying handles with closed surface, additionally riveted for reinforcement
- Extra strong and double-riveted metal eyelets for the back carrying straps

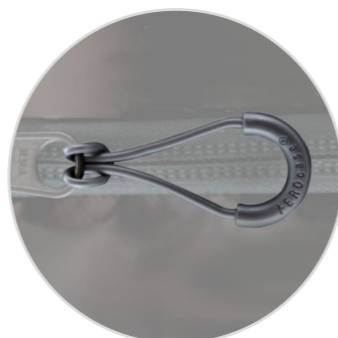
Developed for the toughest operational scenarios and internationally tested in emergency services



Improved carrying system



Model with MOLLE system



Easy-grip, disinfectable zipper pullers in loop shape

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Model | Order number |
|---|---------------------------|-------------------------|-----------------|--------------|-----------------------|-------------------|
| AEROTEX® – PLAN ^{PRO} (Truck tarpaulin) | ● Matt black* (RAL 9005) | approx. 40 x 52 x 14 cm | approx. 2.80 kg | approx. 29 l | GTSB - TAC | ① HT13-SPGTSBT-00 |
| | ● Olive Green* (RAL 6003) | approx. 40 x 52 x 25 cm | approx. 3.10 kg | approx. 52 l | GT - TAC with MOLLE* | ② HT13-SPGTT2-S2 |
| | ● Matt black* (RAL 9005) | approx. 40 x 52 x 25 cm | approx. 3.30 kg | approx. 52 l | GTB - TAC with MOLLE* | ③ HT13-SPGTBT2-00 |

*Order-related production – you choose the colour, model, MOLLE system, and IRR equipment, if desired.

Magnetic Modular System

All AEROCASE® – PROpack backpacks are equipped with a 4 x 7 grid (28 magnetic fields), which allows for seamless and individual arrangement with the AEROCASE® modular bags selected by the user. Ferromagnetic plates are integrated into the predefined grid and thus provide a secure hold for the modular bags fitted with magnets. Thanks to the modular system, dirt traps such as hook-and-loop strips or fixation loops can be almost entirely avoided inside the backpack. This significantly reduces the risk of contamination.

Grid structure

Example for AEROCASE® – PROpack GTB - TAC



Incorporated and movable ferromagnetic plates in the individual grid field prevent a localized abrasion of the material.

Example filling of the PROpack GTB - TAC



Further information can be found in our catalogue AEROCASE® – Modular System.

Product Information



Modular bags

Modular bags made of AEROTEX® – PLAN^{PRO} (Truck tarpaulin) with integrated magnetic technology ensure secure storage of the operational equipment. They feature a transparent compartment in the lid for content labelling.



Exemplary modular bag for PROpack GT - TAC in Olive Green



Depending on size and model with internal fixation loops, mesh or additional compartments

AEROcase® – TACpack Medic RESPONDER L

Professional, particularly lightweight two-backpack system for tactical-medical use. The AEROcase® – TACpack Medic RESPONDER L combines a main and front backpack with completely freely positionable modular bags and TACpanels OMEGA – for maximum flexibility and an internal organisation according to individual needs. Developed for users with a focus on quick access, maximum clarity and reliable stability under demanding operational conditions.

THE BACKPACK SYSTEM AT A GLANCE

- **Main backpack**
For flexible internal organisation
- **Removable front backpack**
Suitable for rapid attack
- **Modular bags**
Various sizes (2x S, 1x M, 2x XL) | With wide hook-and-loop strips and additionally integrated handles
- **TACpanels OMEGA**
For additional storage options (2x M, 1x L)

THE QUALITY IN DETAIL

- Lightweight at only approx. 3.18 kg (including accessories)
- Manufactured from particularly light CORDURA® Ripstop 560 dtex as well as highly abrasion-resistant, finely textured CORDURA® TPD 560 dtex – for maximum durability while remaining lightweight and visually striking (front backpack Ripstop 560 dtex | main backpack TPD 560 dtex)
- Diverse features, e.g. the possibility of extremely quick donning and doffing of the front backpack thanks to quick-release buckles. Laser-cut MOLLE for attaching optionally available TACbag Pouches, the TAC Multiclip or the TAC Bar (further detailed information on page 133 and 136).
- Further advantages: Unrestricted freedom of movement of arms and shoulders to the front – even with additional tactical equipment and clothing. Additionally with a specially padded back area.

With main and front backpack as well as flexible division



Padded carrying straps and additional chest strap



Specially padded back area



Organizer panel on the front backpack



Additional fixation loops on the handle

Further special features of the supplied components

MAIN BACKPACK EXTERIOR

The front and sides are fully equipped with laser-cut MOLLE and the backpack can be fully opened by zipper. For double securing of the front backpack, there are easily accessible zippers on the front left and right as well as quick-release buckles for particularly fast donning and doffing. Additionally, the shoulder straps feature a quick-release system at the bottom. On the main backpack, sewn MOLLE webbing with three fixation loops each is also integrated on both sides of the handle. The back area and the shoulder carrying straps are specially padded; a chest strap is included.

FRONT BACKPACK

It is integrated on the back by zipper and at the top by quick-release fastener and can thus be removed and reattached particularly easily – without having to reach under the main backpack. The front and sides are fully equipped with laser-cut MOLLE and the backpack can be fully opened by zipper. Additionally, there is another zipper pocket as well as a wide hook-and-loop surface on the front. An organizer panel with bungee paracord is attached to the lid for the fixation of further pieces of equipment, such as RAPTOR® Trauma Shears.

RAPTOR® is a registered trademark of Leatherman Tool Group, Inc., 12106 N.E. Ainsworth Circle, Portland, OR 97220, USA.

OPENED BACKPACKS

When opening both the main and front backpack, a generous interior space is available in each. The main compartment and lid are fully equipped with hook-and-loop surfaces on the inside, in which modular bags and TACpanels OMEGA can be placed completely freely. This offers the user maximum flexibility and an internal organisation according to individual needs. For a quick change of position, the backpacks are equipped with internal webbing loop handles; additionally, two loops for chemlights are attached on each side.

MODULAR BAGS

The entire system is equipped with various modular bags (2x S, 1x M, 2x XL), which can be individually attached thanks to the hook-and-loop system. They can be easily pulled out via the additionally integrated handles and can be labelled. Additional modular bags are optionally available as accessories (HT14-TPCM-...). Following sizes and dimensions (W x H x D) are available: S – 13 x 16 x 7.5 cm | M – 26 x 11 x 7.5 cm | L – 26 x 16 x 7.5 cm | XL – 13 x 32 x 7.5 cm.

TACPANELS OMEGA

Various TACpanels OMEGA are already included in the scope of delivery (2x M, 1x L), which offer additional storage options (further detailed information on page 135).

Available upon request

HIGH-FUNCTIONAL WEATHER PROTECTION

Selection of various camouflage patterns (BW 5-colour print, 3-colour Tropic Cam, Snow Cam, Digital Cam, MultiCam, as well as with IRR finish), to be stored in the existing bottom compartment.



Includes two TACpanels OMEGA M



Includes TACpanel OMEGA L, e.g. for the front backpack

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|-------------------------------------|---------------|--|------------------------------------|----------------------------------|----------------------|
| AEROtex® – CORDRA (CORDURA® fabric) | ● Black | approx. 55 x 33 x 28 cm (approx. 48 x 29 x 11 cm*) | approx. 3.18 kg (approx. 0.65 kg*) | approx. 50.8 l (approx. 15.3 l*) | HT14-TPRM01-SET01-0 |
| | ● Olive Green | | | | HT14-TPRM01-SET01-S2 |
| | ● Coyote | | | | HT14-TPRM01-SET01-S3 |

*Specifications of the front backpack | Order number of the respective complete two-backpack system

AEROCASE® – TACpack Medic COMBAT XL

Professional, field-tested backpack system with quick access, modularly composed of a main backpack with a clean design and low-profile construction, two dividers ❶ or an integrated inner backpack ❷ as well as a selection of various modular and mesh bags. Specially designed for the medical-tactical field – ideal for military and other sectors with comprehensive care. Through the variable and structured transport of medical accessories, the system offers maximum flexibility and clarity.

THE BACKPACK SYSTEM AT A GLANCE

- **Main backpack**
For flexible internal organisation, including quick access
- **Modular bags**
Sizes S – XL (8x S, 3x M, 2x L, 3x XL) | With wide hook-and-loop strips and coloured zipper pullers
- **Mesh bags**
Mesh structure for ventilation (4 pcs ❶ or 3 pcs ❷)
- **Dividers ❶**
For additional structured separation and improved clarity (2 pcs)
- **Inner backpack ❷**
Additional padded, with carrying handle

THE QUALITY IN DETAIL

- Manufactured from high-quality and extremely durable CORDURA® fabric
- Minimalist and unobtrusive appearance, smooth outer surfaces as well as concealed zippers (“Clean-Design”). The system fits optimally to the body or equipment and is designed so that no elements protrude (“Low-Profile”, without additional attached pockets).
- Diverse features, e.g. outer compartments, various hook-and-loop attachments for modules, reinforced base, specially padded back area
- Further advantages: Unrestricted freedom of movement for arms and shoulders to the front – even with additional tactical equipment and clothing. Additionally with padded back carrying straps including a quick-release system.

Suitable for military units, use at a Trauma Stabilization Point and more



Padded carrying straps and additional chest strap



Specially padded back area



With MOLLE on both sides



Quick access with 4 trauma packs

Further special features of the supplied components

EXTERIOR COMPARTMENTS AND POCKETS

The front features quick access with two hook-and-loop strips. Left and right, there are front exterior pockets, e.g. for stretchers or consumables of the MARCH category “M” (from page 30). The backpack is additionally equipped with lateral longitudinal exterior pockets, e.g. for cervical collars or bougies. These pockets also feature MOLLE.

OPENED BACKPACK

Upon opening via the quick access, 4 modular bags are immediately available, which can be used, for example, as trauma packs for initial treatment. The system can be attached to the wall by the carrying handle, allowing casualty care directly from the opened backpack. Inside the main backpack, there are either hook-and-loop dividers ❶, suitable among other things for infusion sets or personal equipment, or an inner backpack ❷, with space for further equipment behind them.

DIVIDERS OF THE MEDIC COMBAT XL ❶

The two supplied dividers feature a front and back hook-and-loop system and can be variably placed and equipped with modular or mesh bags.

INNER BACKPACK OF THE MEDIC COMBAT XL ❷

The inner backpack is removable and can be fully opened and laid flat. It also features a carrying handle and enables flexible organisation of the modular bags. It can be used, for example, in the field or from a vehicle. On the front, supplied mesh bags can be attached via hook-and-loop; the interior is equipped with additional modular bags.

MODULAR BAGS / MESH BAGS

The modular and mesh bags can be placed completely freely thanks to the hook-and-loop system. They also feature transparent pockets with wide hook-and-loop strips, inserts for labelling and coloured zipper pullers.

Exemplary assembly:

Main backpack: 2x S, 2x L, 2x XL modular bags | Quick access: 4x S modular bags

❶ Dividers: 4x mesh bags and 2x S, 3x M, 1x XL modular bags or ❷ Inner backpack: 3x mesh bags and 2x S, 3x M, 1x XL modular bags

OPTIONAL ACCESSORIES AVAILABLE

Upon request, TACpanels OMEGA in sizes M or L can also be used instead of the dividers (further information on page 135).

Available upon request

HIGH-FUNCTIONAL WEATHER PROTECTION

Selection of various camouflage patterns (BW 5-colour print, 3-colour Tropic Cam, Snow Cam, Digital Cam, MultiCam, as well as with IRR finish), to be stored in the existing bottom compartment.



| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Model | Order number |
|----------------------------|---------------|--|------------------------------------|----------------------------------|---------------------|------------------------|
| AEROTex® – CORDURA® fabric | ● Olive Green | approx. 34 x 62 x 32 cm | approx. 3.6 kg | approx. 67.5 l | with dividers | ❶ HT14-TPCMXL-SET02-S2 |
| | | approx. 34 x 62 x 32 cm (approx. 33 x 55 x 10 cm*) | approx. 3.80 kg (approx. 0.64 kg*) | approx. 67.5 l (approx. 18.2 l*) | with inner backpack | ❷ HT14-TPCMXL-SET01-S2 |

*Specifications of the inner backpack | Order number of the complete two-backpack system ❷

AEROCASE® – TACpack Medic MANV L

Professional, field-tested backpack system with quick access, modularly composed of a main backpack with a clean design and low-profile construction, two dividers as well as a selection of various modular and mesh bags. Specially designed for the medical-tactical field – ideal for police and other sectors with comprehensive care. Through the variable and structured transport of medical accessories, the system offers the highest possible flexibility and clarity.

THE BACKPACK SYSTEM AT A GLANCE

- **Main backpack**
For flexible internal organisation, including quick access
- **Modular bags**
Sizes S – XL (8x S, 3x M, 2x L, 3x XL) | With wide hook-and-loop strips and coloured zipper pullers
- **Mesh bags**
Mesh structure for ventilation (4 pcs)
- **Dividers**
For additional structured separation and improved clarity (2 pcs)

THE QUALITY IN DETAIL

- Manufactured from high-quality and extremely durable CORDURA® fabric
- Minimalist and unobtrusive appearance, smooth outer surfaces as well as concealed zippers (“Clean-Design”). The system fits optimally to the body or equipment and is designed so that no elements protrude (“Low-Profile”, without additional attached pockets).
- Diverse features, e.g. outer compartments, various hook-and-loop attachments for modules, reinforced base, specially padded back area
- Further advantages: Unrestricted freedom of movement for arms and shoulders to the front – even with additional tactical equipment and clothing. Additionally with padded back carrying straps including a quick-release system.

Suitable for police operations, further medical care and more



Padded carrying straps and additional chest strap



Specially padded back area



Clean-Design and Low-Profile



Quick access on the front

Further special features of the supplied components

EXTERIOR COMPARTMENTS AND POCKETS

The front features quick access with two hook-and-loop strips. The backpack is additionally equipped with lateral longitudinal exterior pockets, e.g. for cervical collars or bougies.

OPENED BACKPACK

Upon opening via the quick access, 4 modular bags are immediately available, which can be used, for example, as trauma packs for initial treatment. The system can be attached to the wall by the carrying handle, allowing casualty care directly from the opened backpack. Inside, there are hook-and-loop dividers, suitable among other things for infusion sets or personal equipment; there is space for further equipment behind them.

DIVIDERS

The two supplied dividers feature a front and back hook-and-loop system and can be variably placed and equipped with modular or mesh bags.

MODULAR BAGS / MESH BAGS

The modular and mesh bags can be placed completely freely thanks to the hook-and-loop system. They also feature transparent pockets with wide hook-and-loop strips, inserts for labelling and coloured zipper pullers.

Exemplary assembly:

Main backpack: 2x S, 2x L, 2x XL modular bags | Quick access: 4x S modular bags | Dividers: 4x mesh bags and 2x S, 3x M, 1x XL modular bags

OPTIONAL ACCESSORIES AVAILABLE

Upon request, TACpanels OMEGA in sizes M or L can also be used instead of the dividers (further information on page 135).

Available upon request

HIGH-FUNCTIONAL WEATHER PROTECTION

Selection of various camouflage patterns (BW 5-colour print, 3-colour Tropic Cam, Snow Cam, Digital Cam, MultiCam, as well as with IRR finish), to be stored in the existing bottom compartment.



Divider, e.g. for mesh bags



Modular bags in various sizes



Includes 4 mesh bags

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|-------------------------------------|---------|-------------------------|----------------|----------------|-------------------|
| AEROTex® – CORDRA (CORDURA® fabric) | ● Black | approx. 34 x 62 x 23 cm | approx. 3.4 kg | approx. 48.5 l | HT14-TPML-SET02-0 |

AEROCASE® – TACpack MANV1

Particularly slim and lightweight tactical backpack with high functionality and high-quality workmanship. The TACpack MANV1 is the perfect backpack for all professional operations in which low weight, mobility and completeness of equipment must be reconciled – from the flexible deployment of a group to MCI scenarios. The compact and well-thought-out design offers comfortable carrying and sufficient storage space for the equipment.

SPECIAL FEATURES AT A GLANCE

- Including 4 large mesh bags as well as 8 smaller modular bags
- Made of durable AEROTex® – PLAN (Tarpaulin), in black with a matt special finish
- Reinforced all around with lightweight foam
- Large front compartment with circumferential zipper and mesh compartment in the lid, e.g. for documentation
- Further front compartment with hook-and-loop fastener, suitable among other things for carrying / emergency blankets
- Additional compartment with zipper on the back
- Padded, removable carrying straps with chest strap, which can be stowed in the rear compartment
- Additional shoulder carrying strap for attachment to the existing D-rings

Ideally suited for mobile rescue operations, MCI scenarios, civil protection and tactical teams

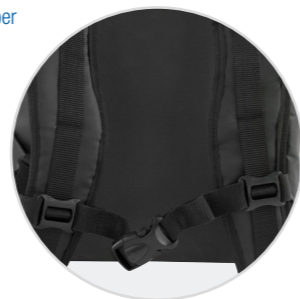


8 modular bags in the lower shell

4 large mesh bags in the upper shell



Large front compartment with zipper



Padded carrying straps and additional chest strap

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|-----------------------------|-------------------------|-------------------------|-----------------|--------------|---------------|
| AEROTex® – PLAN (Tarpaulin) | ● Matt black (RAL 9005) | approx. 35 x 57 x 15 cm | approx. 1.95 kg | approx. 30 l | HT13-TPLR1-0M |

AEROCASE® – TACpack DAY

NEW

High-quality and particularly versatile daypack, suitable for different areas of application where high reliability is required. The TACpack DAY combines a slim design with generous storage space to optimally stow personal equipment as well as deployment materials. Developed for users with a special focus on high-quality materials and well-thought-out details for a wide variety of scenarios.

SPECIAL FEATURES AT A GLANCE

- Modern, visually appealing as well as functional daypack, suitable for everyday use or operations
- Manufactured from particularly high-quality and durable CORDURA® fabric as well as laser-cut MOLLE on the front of the exterior compartment
- With a large exterior compartment for optimal storage of equipment for fast access, e.g. an AEROCASE® – ORGAbag (see page 134) or for the safe transport of almost all common AED devices
- Lid with reinforced material as well as internal compartment for smaller items
- Generous interior with a clearly structured layout
- Integrated laptop compartment – raised approx. 1 cm from the bottom for optimal protection and safe transport
- Additionally, another large zipper compartment in the interior, with an attached organizer unit and elastic loops for the fixation of e.g. pens or a diagnostic light as well as a business card compartment
- Specially padded back area as well as padded back carrying straps and chest strap for maximum carrying comfort
- Available in Black / Olive Green for the ideal combination with civilian or tactical clothing

Individually usable companion for the civilian sector as well as professional operations



Carrying Example with AEROCASE® – ORGAbag



Padded carrying straps and additional chest strap



Generous, well-thought-out interior



Secured exterior compartment for additional materials



Depth of the front compartment individually adjustable

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|--------------------------------------|-----------------------|---------------------------|-----------------|--------------|----------------|
| AEROTex® – CORDURA (CORDURA® fabric) | ● Black / Olive Green | approx. 48 x 37.5 x 17 cm | approx. 1.14 kg | approx. 31 l | HT14-TPDAY01-0 |

AEROCASE® – TACbag Triage



Specially developed and compact cylindrical waist bag for particularly fast and deployment in MCI scenarios. Thanks to its clear layout and easy handling, the TACbag Triage enables uncomplicated and unambiguous patient marking after triage assessment and ideally supports emergency personnel under high time pressure. The well-thought-out design offers maximum freedom of movement as well as direct access to the 4 included triage tapes, which can be easily unrolled and separated by hand. A flexible and cost-effective system, manufactured from high-quality AEROTex® – DURA (Nylon) and weather-independent tapes made of PVC.

SPECIAL FEATURES AT A GLANCE

- Particularly fast patient marking after triage assessment and support of structured procedures in MCI scenarios
- Specially designed triage bag with robust workmanship and a clear layout, securely closable via hook-and-loop fastener
- Extremely lightweight and compact waist bag in a dimensionally stable cylindrical shape with unrestricted freedom of movement during operations
- Includes 4 triage tapes according to the STaRT scheme ("Simple Triage and Rapid Treatment"), available as rolls in the colours Green, Yellow, Red and Black. Also available as replacement rolls (QTY= 1) as well as in Blue as a neutral marking
- Manufactured from high-quality AEROTex® – DURA (Nylon) as well as triage tapes made of tear-off and weather-independent PVC – for maximum durability
- Weather-resistant tapes which do not stick together and can be separated by hand particularly easily and without much effort
- For the marking of approx. 400 patients (with a length of 50 m per colour and using 50 cm of tape per patient)
- Flexible hook-and-loop strip that separates the tapes from each other and fixes them securely
- Large hook-and-loop surface with a conspicuous "TRIAGE" patch for professional identification of the function and clear labelling during operations
- Versatile carrying system with an adjustable waist belt and 40 mm belt loops for flexible carrying or direct attachment to existing duty-belt loops
- Quick-stow fasteners for neat storage of the belt

Maximum efficiency for fast and structured patient triage in an emergency



Waist pouch with large hook-and-loop surface



Includes 4 triage tapes according to the STaRT scheme



Application example

| Material | Colour | Dimensions | Weight | Description | Order number |
|--------------------------|----------|-----------------------------|--|--|--------------------|
| AEROTex® – DURA (Nylon) | ● Black | approx. 14.5 x 8 cm (W x Ø) | approx. 0.16 kg (bag without tapes) approx. 0.76 kg (incl. tapes) | Triage bag incl. 4 rolls (1 each of Green, Yellow, Red, Black) | HT02-TBTR01-0 |
| Polyvinyl Chloride (PVC) | ● Green | approx. 50 m (L) | approx. 0.15 kg | Triage tape in Green (1 roll), as replacement | HT02-TBTR01-SB-G |
| | ● Yellow | | | Triage tape in Yellow (1 roll), as replacement | HT02-TBTR01-SB-Y |
| | ● Red | | | Triage tape in Red (1 roll), as replacement | HT02-TBTR01-SB-R |
| | ● Black | | | Triage tape in Black (1 roll), als replacement | HT02-TBTR01-SB-BLK |
| | ● Blue | | | Triage tape in Blue (1 roll), as an optional colour | HT02-TBTR01-SB-B |

AEROCASE® – TACbag Medic HipBag



Extremely robust and functionally designed hip bag for professional users, made of high-quality CORDURA® fabric. The TACbag Medic HipBag impresses with its exceptional functionality, quality, and ergonomic design, enabling quick access and comfortable wear in any situation. Ideal for medics, K9 teams, and other tactical users focused on optimized details.

SPECIAL FEATURES AT A GLANCE

- Lightweight at only 0.58 kg (approx. 0.66 kg including shoulder strap)
- Made of particularly lightweight CORDURA® Ripstop 560 dtex and highly abrasion-resistant, finely textured CORDURA® TPD 560 dtex – for maximum durability while remaining lightweight and visually striking (lid compartment Ripstop 560 dtex | main compartment TPD 560 dtex)
- Spacious main compartment in robust polyamide with practical internal organisation thanks to multiple loops and attachment options, suitable for medical equipment or personal operational items
- Forward-opening lid for particularly fast and convenient access to the main compartment and lid interior (opening away from the body)
- Lid compartment as well as organizer panel with bungee paracord on the outside of the lid for quick-access items, e.g. RAPTOR® Trauma Shears.
RAPTOR® is a registered trademark of Leatherman Tool Group, Inc., 12106 N.E. Ainsworth Circle, Portland, OR 97220, USA.
- Removable, adjustable shoulder strap for versatile carrying options, additionally with quick-stow fasteners on the waist belt for neat strap storage
- Side-mounted laser-cut MOLLE for flexible combination with plate carriers, backpacks, and vests via attachment straps, or for mounting optionally available TACbag Pouches, the TAC Multiclip, or the TAC Bar (further detailed information on pages 133 and 136)
- Quickly and easily attachable to existing gear with the supplied attachment straps
- Two drainage openings at the bottom for reliable field use in all weather conditions

Maximum functionality in a compact design – ideal for tactical operations and modular equipment systems



With included shoulder carry strap



Incl. 2 attachment straps for securing the HipBag to e.g. plate carriers



Lid interior with loops



Organizer panel with bungee paracord on the exterior lid compartment



Spacious main compartment with various attachment options

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|--------------------------------------|---------------|-------------------------|-----------------|---------------|-----------------|
| AEROTex® – CORDURA (CORDURA® fabric) | ● Black | approx. 33 x 17 x 15 cm | approx. 0.66 kg | approx. 8.4 l | HT14-TBHPM01-0 |
| | ● Olive Green | | | | HT14-TBHPM01-S2 |
| | ● Coyote | | | | HT14-TBHPM01-S3 |

AEROCASE® – TACbag IFAK01 (M-V)



Robust operational pouch with MOLLE system, made of particularly durable CORDURA® fabric in "Medium", for vertical attachment (M-V). The interior features elastic loops and compartments for organized storage of materials. On the front, there is a 4 cm wide hook-and-loop strip and six webbing loops; the back is equipped with laser-cut MOLLE and two attachment straps. Includes high-quality zipper with zipper pullers for comfortable opening and closing.

SPECIAL FEATURES AT A GLANCE

- Multiple options for storing materials and attaching to plate carriers, backpacks, and more
- Equipped with two attachment straps and high-quality zipper with zipper pullers
- Versatile for tactical and medical use

Extremely robust IFAK made of high-quality CORDURA®, medium size, for vertical attachment



With six webbing loops on the front



Back equipped with laser-cut MOLLE

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|----------------------------|---------------|--------------------------|-----------------|----------------|------------------|
| AEROTEX® – CORDURA® fabric | ● Black | approx. 13 x 19 x 7.5 cm | approx. 0.17 kg | approx. 1.85 l | HT14-TBIFAK01-0 |
| | ● Olive Green | | | | HT14-TBIFAK01-S2 |
| | ● Coyote | | | | HT14-TBIFAK01-S3 |

AEROCASE® – TACbag IFAK02 (L-H)

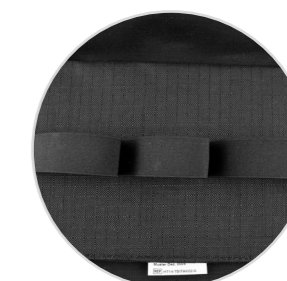
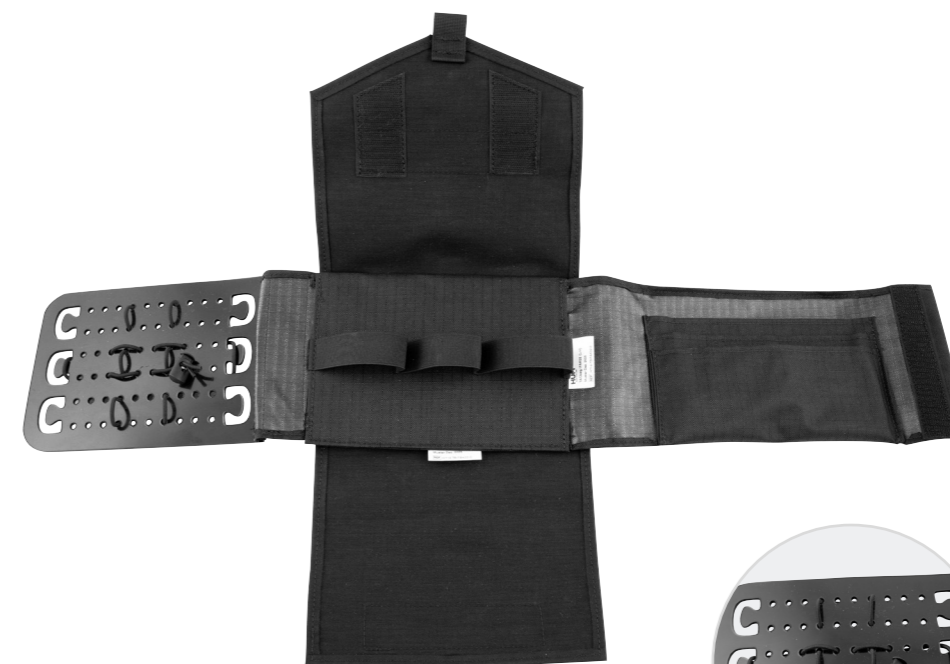


Versatile, two-part operational pouch with MOLLE system, made of particularly durable CORDURA® fabric in "Large", for horizontal attachment (L-H). Designed for fast, dual-sided access to medical equipment, it can be fully opened and laid flat. The front of the outer pouch features a hook-and-loop system to secure the IFAK, with an additional 4 cm wide hook-and-loop strip. The back is equipped with laser-cut MOLLE and two attachment straps. The inner insert is removable and can be secured inside via hook-and-loop. It has two carrying handles and multiple storage options thanks to a sewn-in TACpanel OMEGA with bungee paracord, attachment loops, and internal compartments.

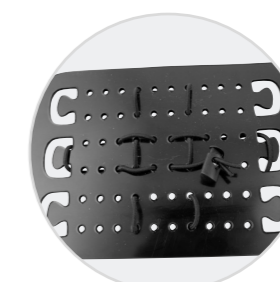
SPECIAL FEATURES AT A GLANCE

- Slim design, with reversible outer pouch and spacious interior compartment
- Easily combinable with overlaying backpacks and other existing gear such as plate carriers
- Made of particularly lightweight CORDURA® Ripstop 560 dtex and highly abrasion-resistant, finely textured CORDURA® TPD 560 dtex – for maximum durability while remaining lightweight and visually striking (inner insert Ripstop 560 dtex | outer pouch TPD 560 dtex)

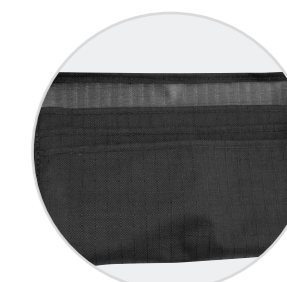
Flexible IFAK made of CORDURA® materials, large size, for horizontal attachment



Three large loops for e.g. bandages or tourniquets



TACpanel OMEGA for e.g. shears or decompression needle



Three-section internal compartment for additional equipment, e.g. emergency blanket or hemostatics

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|----------------------------|---------------|------------------------|-----------------|---------------|------------------|
| AEROTEX® – CORDURA® fabric | ● Black | approx. 21 x 14 x 7 cm | approx. 0.26 kg | approx. 2.1 l | HT14-TBIFAK02-0 |
| | ● Olive Green | | | | HT14-TBIFAK02-S2 |
| | ● Coyote | | | | HT14-TBIFAK02-S3 |

AEROCASE® – TACbag IFAK01

Compact operational pouch with sewn MOLLE system, made of high-quality black AEROTEX® – DURA (Nylon). The interior features elastic loops and compartments for organised storage of materials. On the front there is a 5 cm wide hook-and-loop strip and four webbing loops; the back is equipped with two press-stud attachment straps and two duty-belt loops. Includes a high-quality zipper with noise-reduced cord pullers for easy opening and closing.

SPECIAL FEATURES AT A GLANCE

- Small and large loops for individual organisation of materials
- Attachment straps with press studs as well as two duty-belt loops

Optimal solution for mobile use thanks to low weight and compact size



Rear view



Example contents

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|-------------------------|---------|------------------------|----------------|---------------|----------------|
| AEROTEX® – DURA (Nylon) | ● Black | approx. 11 x 20 x 6 cm | approx. 0.1 kg | approx. 1.3 l | HT22-BIFAK01-0 |

AEROCASE® – TACbag IFAK02

Compact operational pouch with MOLLE system, made of black, water-repellent and disinfectable AEROTEX® – PLAN (Tarpaulin, matt). The interior includes various elastic loops and compartments for storing operational equipment. On the front there is a 5 cm wide hook-and-loop strip and two rows of webbing loops; the back features a hook-and-loop surface for attachment to the supplied carrier plate or, for example, in emergency vehicles. Additionally, there is a wide top carry handle for transport or quick removal from the carrier plate.

The carrier plate is equipped with laser-cut MOLLE, two press-stud attachment straps and two duty-belt loops. In addition to the hook-and-loop surface on the back, the IFAK is further secured to the carrier plate by a side-release buckle with adjustable tension strap, and two D-rings are attached as fixing points for carabiners. Includes a high-quality zipper with noise-reduced cord pullers for easy opening and closing.

SPECIAL FEATURES AT A GLANCE

- Spacious interior with various compartments and elastic loops
- Numerous attachment options including sewn and laser-cut MOLLE on the removable carrier plate

Extremely durable IFAK made of tarpaulin material with particularly versatile deployment options



| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|------------------------|-------------------------|--------------------------|-----------------|-------------|----------------|
| AEROTEX® – PLAN (matt) | ● Matt black (RAL 9005) | approx. 15 x 20 x 6.5 cm | approx. 0.28 kg | approx. 2 l | HT23-BIFAK02-0 |

AEROCASE® – TACbag Tourniquet Pouch



Robust and functionally designed tourniquet pouch, made of durable CORDURA® fabric with reinforced material. Features dual-sided access and optional one-handed operation, with numerous practical details. Developed for fast and secure use in all tactical situations.

SPECIAL FEATURES AT A GLANCE

- Made of particularly lightweight CORDURA® Ripstop 560 dtex and highly abrasion-resistant, finely textured CORDURA® TPD 560 dtex – for maximum durability while remaining lightweight and visually striking (shaft Ripstop 560 dtex | cover TPD 560 dtex)
- Large reinforced openings and rear PE plate with integrated MOLLE attachment and belt loop
- Dual-sided opening for flexible access – one-handed operation possible
- Suitable for vertical attachment via MOLLE or horizontal mounting on the belt
- Optimized for e.g. FR19® Gen 2 Extremity Tourniquets – secure hold even with opened sides and during movement
- Side compartment for AEROUSE – Permanent Markers (see page 14), glow sticks, and more
- High-grip, color-contrasted zipper pulls (red on black variant, black on Olive Green and Coyote)

Highly thought-out details for rapid tactical use



Example contents

| Material | Colour | Dimensions (W x H x D) | Weight | Volumen | Order number |
|--------------------------------------|---------------|-------------------------|-----------------|----------------|----------------|
| AEROTEX® – CORDURA (CORDURA® fabric) | ● Black | approx. 7 x 16 x 5.5 cm | approx. 0.08 kg | approx. 0.62 l | HT14-TBTP01-0 |
| | ● Olive Green | | | | HT14-TBTP01-S2 |
| | ● Coyote | | | | HT14-TBTP01-S3 |

AEROCASE® – TACbag Glove Pouch



High-quality pouch for disposable gloves, such as the AEROUSE – EASY Gloves Premium Guard (see page 56), made of CORDURA® fabric with reinforced material. Features an elastic, centered pull-through opening to prevent contamination of gloves. Designed for reliable use in critical situations.

SPECIAL FEATURES AT A GLANCE

- Made of particularly lightweight CORDURA® Ripstop 560 dtex and highly abrasion-resistant, finely textured CORDURA® TPD 560 dtex – for maximum durability while remaining lightweight and visually striking (pouch: Ripstop 560 dtex | opening: TPD 560 dtex)
- Elastic pull-through opening, centrally located on the front – for hygienic single-glove removal
- Main compartment with zipper, for easy replenishment of disposable gloves (volume approx. 0.36 l)
- Rear PE plate with integrated MOLLE attachment and belt loop

Lightweight glove pouch for critical operational situations



With large zipper-puller



Example contents

| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Order number |
|--------------------------------------|---------------|------------------------|-----------------|----------------|----------------|
| AEROTEX® – CORDURA (CORDURA® fabric) | ● Black | approx. 8 x 15 x 3 cm | approx. 0.05 kg | approx. 0.36 l | HT14-TBGP01-0 |
| | ● Olive Green | | | | HT14-TBGP01-S2 |
| | ● Coyote | | | | HT14-TBGP01-S3 |

AEROCASE® – ORGAbag A4-2



Two-coloured organizer in DIN A4 format, made of high-quality AEROTex® – PES (Polyester), for clear organisation and storage of forms, documents, vehicle papers, writing utensils, and more. The front features laser-cut MOLLE and a hook-and-loop panel. Additionally, the user has a fastening option via clip and bungee paracord, e.g., for trauma shears. The back is fully smooth and without compartments – no protruding elements for optimal carrying comfort and flat placement. Equipped with many practical details that simplify the daily use.

SPECIAL FEATURES AT A GLANCE

- Front with laser-cut MOLLE, back smooth and without compartments
- Equipped with a side-attached snap-back handle, allowing flat placement when open
- Two-hole punching and template with integrated ruler
- Colour-coded compartment for easier organisation
- Zippered pocket for small items and loops for pens
- SIMS – Snap-In Magnetic System with magnetically attachable key clip



SIMS - Snap In Magnetic System



Example contents



| Material | Colour | Dimensions (W x H x D) | Weight | Order number |
|----------------------------|-----------------------|----------------------------|-----------------|----------------------|
| AEROTex® – PES (Polyester) | ● Black / Olive Green | approx. 29 x 37.5 x 6.5 cm | approx. 1.14 kg | HT11-ORGAB42-S20/WCB |

AEROCASE® – TACpanel OMEGA S | M | L

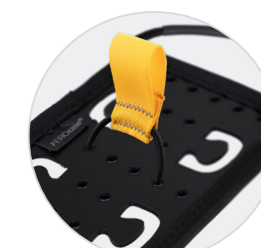


Extremely robust and modular low-profile panels for use as open carrying systems, allowing fully individual configuration without a predefined design. The TACpanels OMEGA are user-oriented and made of high-quality materials. They can be used as stand-alone panels (size “Small”) or as accessories for various tactical AEROCASE® backpack systems (sizes “Medium” and “Large”). Lightweight yet highly durable under heavy loads.

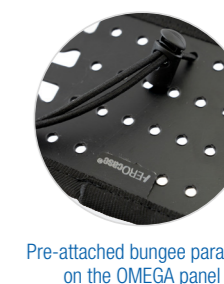
- Made of robust and flexible polyethylene, with polypropylene edging and reinforced handle (size S) or hand strap (sizes M and L)
- Completely free, open orientation and rapid adjustment of equipment using a wide range of attachment options
- For compact storage of operational equipment, e.g. tourniquets, bandages, flashlight, various tools, or personal items such as smartphone, keys, wallet, lighters, and more
- Small – suitable as stand-alone, e.g. to insert into clothing, use in vehicles, or attach to other systems
- Medium and large – ideally suited as optional accessories for AEROCASE® backpack systems Medic COMBAT XL, Medic MANV L, and as supplementary accessories for Medic RESPONDER L. (Further system details from page 120.)

INCLUDED ACCESSORIES AT A GLANCE

- **TACpanel OMEGA | Size S**
2 m bungee paracord | 4 cord stoppers | 2 MARCH loops in 5 colours each
- **TACpanel OMEGA | Size M**
4 m bungee paracord | 8 cord stoppers | 4 MARCH loops in 5 colours each | 1 m hook-and-loop strip back-to-back
- **TACpanel OMEGA | Size L**
6 m bungee paracord | 12 cord stoppers | 5 MARCH loops in 5 colours each | 2 m hook-and-loop strip back-to-back



TACpanel OMEGA | Accessories



| Materials | Colour | Dimensions (B x H) | Weight | Order number |
|---|---------|----------------------|----------------|--------------------|
| Polyethylene (PE) Polypropylene (PP) | ● Black | approx. 10 x 15 cm | approx 0.03 kg | ● HT10-TPOMG01-S-0 |
| | | approx. 26.5 x 37 cm | approx 0.13 kg | ● HT10-TPOMG01-M-0 |
| | | approx. 31 x 47.5 cm | approx 0.22 kg | ● HT10-TPOMG01-L-0 |

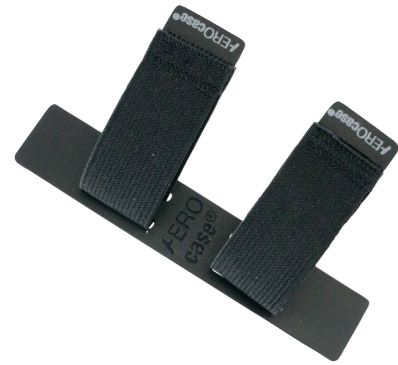
AEROcase® – TAC Bar



The TAC Bar allows a wide variety of items to be attached to any MOLLE system, such as a tourniquet, bandage, or other small equipment. The double-loop system provides extremely fast and secure access to small gear in a compact size.

SPECIAL FEATURES AT A GLANCE

- Ideal solution for immediate access to small items – easy to mount and carry on MOLLE surfaces
- Robust bar with double loop for securing e.g. a bandage, AEROuse – Permanent Marker, or flashlight
- Compatible with most tourniquets, e.g. the FR19® Gen 2 Extremity Tourniquet



Easy attachment to any MOLLE system



Example of use with tourniquet

| Materials | Colour | Dimensions (W x L) | Weight | Order number |
|--------------|-----------------------|-----------------------|-----------------|---------------|
| PETG, rubber | ● Black / Olive Green | approx. 2.5 x 12.5 cm | approx. 0.02 kg | HT10-TB01-BLK |

AEROcase® – TAC Multiclip



This tactical holder adds a practical attachment option using a clip and bungee paracord, suitable for mounting on any MOLLE system. A secure and particularly robust solution for users seeking flexible, additional attachment possibilities.

SPECIAL FEATURES AT A GLANCE

- Space-saving and secure fixing option – easy to mount and carry on MOLLE surfaces
- Clip made of durable material with a small opening for safe threading
- Stretchable, abrasion-resistant bungee paracord
- For attaching items such as bandages, flashlights, and more



Easy attachment to any MOLLE system



Example of use with bandage

| Materials | Colour | Dimensions | Weight | Order number |
|--|---------|---|----------|----------------|
| Polyoxymethylene (POM), Polyester (PES), Latex | ● Black | Clip (W x H x L) approx. 3.3 x 0.7 x 4.4 cm, Band (L) approx. 11.5 cm | 0.006 kg | HT10-TMC01-BLK |

Index

A

| | |
|------------------------------------|--------------|
| Accessories – Manual Resuscitators | 35 |
| Accessories – Manual Suction Pump | 18 |
| Accessories – MEDpacks | 100–101 |
| Accessories – Resuscitation Masks | 35 |
| Accessories – Sphygmomanometers | 53 |
| Accessories – Suction Devices | 18 |
| Adapters | 18, 35 |
| Adapter Cables, Masimo | 66 |
| Adhesive Sensors | 62, 63 |
| Airway, Medical Products | 18–28 |
| Ampoule Cases EMS+ | 83, 84, 85 |
| Ampoule Cases EMS | 95, 100, 105 |
| Ampoule Rail System | 86, 100 |
| AMSure® – Sterile Water Systems | 41 |
| Aneroid Sphygmomanometers | 53 |
| AQUAPAK® – Sterile Water Systems | 41 |

B

| | |
|---------------------------------|---------------------------------------|
| Backpacks | 81, 96–99, 102, 104, 109–110, 118–127 |
| Bacterial and Viral Filters | 40 |
| Barbed Hose Adapters | 49 |
| Belt Ampoule Holder | 105 |
| Blades for Laryngoscopes | 21 |
| Blankets – Emergency Blankets | 70 |
| Blood Group Typing, Rapid Tests | 74 |
| Breathing, Medical Products | 30–51 |

C

| | |
|---|--------|
| Carbon Dioxide Pressurised Gas Cylinders | 51 |
| Catheter Mounts | 25 |
| Cervical Collars | 71–72 |
| Chest Seals | 30 |
| Circulation, Medical Products | 53–66 |
| Clipboard for ORGAbag DIN-A4 | 92 |
| Clothing Bag | 90 |
| Cold Compress | 69 |
| Compressed Air Pressurised Gas Cylinders | 51 |
| Compressed Gauze | 16 |
| Connection Tubing for Suction | 20 |
| Container Modular Bags | 83, 85 |
| CPR Face Shields | 26 |
| Cylinder Fillings for Pressurised Gas Cylinders | 50–51 |

D

| | |
|-----------------------------------|-------|
| DAYpack | 127 |
| Decompression Needle | 30 |
| Diagnostic Instruments | 54–55 |
| Diagnostic Lamp | 54 |
| Disability, Medical Products | 68–72 |
| Disposable Nitrile Gloves | 55–56 |
| Disposable Surgical Face Mask | 60 |
| Diverter for Manual Resuscitators | 35 |
| Dual Head Stethoscope | 54 |

Index

E

| | |
|-----------------------------------|----------------------------------|
| EASY Click – Ampoule Rail System | 86, 100 |
| EASY Collar – Cervical Collars | 71–72 |
| EASY Gloves | 147 |
| EASY Splint – Universal Splints | 57 |
| ELDONCARD® – Blood Typing Kits | 74 |
| Emergency Backpacks | 81, 96–99, 102, 104, 109–110 |
| Emergency Bags | 82, 87–89, 100, 105–107, 112–116 |
| Emergency Bandages | 15 |
| Emergency Blankets | 70 |
| Emergency Oxygen Bags | 42, 52 |
| EMS+, The Concept | 79–85, 118–119 |
| EMS+ Emergency Backpacks and Bags | 81–92 |
| EMS, The Concept | 94–95 |
| EMS Emergency Backpacks and Bags | 96–107 |
| Endotracheal Tubes | 22 |
| Environment, Medical Products | 68–72 |
| Examination Gloves | 55–56 |
| Exsanguination, Medical Products | 14–16 |
| Eye Shield | 68 |

F

| | |
|--------------------------|-------|
| Fast Pressure Reducers | 44–45 |
| Fast ZGA Flow Regulators | 46–47 |
| FFP2 Mask | 59 |
| Filtering Half Masks | 59 |
| Filters | 40 |

| | |
|---|--------------------------|
| Fine ZGA Flowmeters | 42–43 |
| Fingertip Suction Interrupters | 20 |
| Fingertip Pulse Oximeter | 61 |
| First Aid | 55–56, 58–60, 68, 69, 70 |
| FirstAid Bag | 89 |
| First Responder – 1R Emergency Backpacks and Bags | 109–116 |
| Fix Pressure Reducers | 48 |
| Flowmeters | 42–43 |
| Flow Regulators | 46–47 |
| Foot Suction Pump | 19 |
| FR19® Gen 2 Extremity Tourniquets | 14 |

G

| | |
|--------------------------|---------|
| Gas Supply | 42–51 |
| Gauze | 16 |
| Gloves | 55–56 |
| Glove Pouches | 133 |
| GT Emergency Backpack | 81, 118 |
| GTA 1 Emergency Backpack | 81, 118 |
| GTA 2 Emergency Backpack | 81, 118 |
| GTB Emergency Backpack | 81, 118 |
| GTD Emergency Backpack | 81, 118 |
| GTDB Emergency Backpack | 81, 118 |
| GTS Emergency Backpack | 81, 118 |
| GTSB Emergency Backpack | 81, 118 |
| Guedel Tubes | 25 |

H

| | |
|--------------------------------------|-------|
| Head / Hypothermia, Medical Products | 68–72 |
|--------------------------------------|-------|

Index

| | |
|-----------------------|----------------|
| Heat Compress | 68 |
| Hemostatics | 15 |
| Hip Bag | 129 |
| HUM Customized | 26, 27, 58, 69 |
| Hyperventilation Mask | 36 |

I

| | |
|-------------------------------------|----------------|
| IFAKs | 130–132 |
| IMMObag | 88 |
| Immobilization | 57, 71, 88 |
| Immobilization Bag | 43 |
| Immobilization Collars | 71–72 |
| Individual Cold Compress | 69 |
| Individual CPR Face Shields | 26 |
| Individual First Aid Kits | 130–132 |
| Individual One-Handed Tourniquets | 58 |
| Individual Pocket Masks | 27 |
| Individual Products, HUM Customized | 26, 27, 58, 69 |
| Infection Protection | 59–60, 55–56 |
| Inflator / Deflator | 36 |
| Inhalation Sets Aerosol | 39 |
| Instant Cold Compress | 69 |
| Instant Heat Compress | 68 |
| Intubation Bags | 106 |
| Intubation Instruments | 21–23 |

L

| | |
|------------------------------|-----|
| Laryngeal Masks Airway (LMA) | 23 |
| Laryngoscope Blades | 21 |
| Laryngoscope Handles | 21 |
| Low-Profile Panels | 135 |
| Lubricating Jelly | 24 |

M

| | |
|---|------------|
| Macintosh Laryngoscope Blades | 21 |
| Maintenances Pressure Reducers, Flow Regulators, Flowmeters | 49 |
| Manual Blood Pressure Monitors | 53 |
| Manual Ventilation | 32–36 |
| Manual Suction Pump | 18 |
| Manual Ventilation | 32–36 |
| Marking Pen | 14 |
| Masimo – Adapter Cables | 66 |
| Masimo – Patient Cables | 65 |
| Masimo – Sensors | 62–64 |
| Mask, Hyperventilation | 36 |
| Mask Head Straps for Resuscitation Masks | 35 |
| Masks, Oxygen | 38 |
| Massive Hemorrhage, Medical Products | 14–16 |
| Medical Filters | 40 |
| Medical Gases | 50–51 |
| MEDpack – The Concept | 94–95 |
| MEDpack AED | 97 |
| MEDpack Ampoule | 99 |
| MEDpack Basic | 98 |
| MEDpack SEG | 96 |
| Miller Laryngoscope Blades | 21 |
| M-LNCS®-Sensors | 63–64 |
| Modular Bags Access, EMS+ | 84 |
| Modular Bags Ampoule Case, EMS+ | 83, 84, 85 |
| Modular Bags Bandage, EMS+ | 84, 85 |
| Modular Bags Container, EMS+ | 83, 85 |
| Modular Bags I.O., EMS+ | 84 |

Index

| | |
|---|--------------|
| Modular Bags Intubation, EMS+ | 84, 85 |
| Modular Bags O ₂ Unit, EMS+ | 83, 85 |
| Modular Bag Sets, 1R | 111 |
| Modular Bags and Sets, EMS | 100–101, 103 |
| Modular Bag Sets Universal, EMS+ | 85 |
| Modular Bag Ventilation, EMS+ | 33, 34 |
| Modular System – The Concept, EMS+ | 29–39 |
| Mouth and Nose Protection, medical | 60 |
| N | |
| Nasopharyngeal Airways (NPA) | 24 |
| Needle Decompression | 30 |
| Neurological Reflex Hammer | 55 |
| NFC-Chips for MEDpacks | 94, 95 |
| Nitrile Gloves | 55–56 |
| Nitrous Oxide Pressurised Gas Cylinders | 51 |
| Nozzles | 49 |
| O | |
| O ₂ Accessories | 37–41 |
| O ₂ Application Aids | 37–39 |
| O ₂ Bags | 87, 107 |
| O ₂ Cylinders | 50 |
| O ₂ Fillings for Pressurised Gas Cylinders | 50 |
| O ₂ Masks | 38 |
| O ₂ Nasal Cannulas | 37 |
| O ₂ Safety Tubing | 80 |
| O ₂ Therapy | 37–41 |
| Occlusive Dressings | 30 |

| | |
|---|--------------------------|
| OMEGA Panels | 135 |
| One-Handed Tourniquets | 58 |
| ORGAbag Organizer DIN A4 and DIN A5 | 91, 92, 134 |
| Oropharyngeal Airways (OPA) | 25 |
| Oxygen Accessories | 37–41 |
| Oxygen Application Aids | 37–39 |
| Oxygen Bags | 87, 107 |
| Oxygen Cylinders | 50 |
| Oxygen Fillings for Pressurised Gas Cylinders | 50 |
| Oxygen Masks | 38 |
| Oxygen Nasal Cannulas | 37 |
| Oxygen Safety Tubing | 80 |
| Oxygen Therapy | 37–41 |
| P | |
| Pandemic Protection Program | 61, 55–56, 59–60 |
| Patient Cables, Masimo | 65 |
| Patient Safety | 61, 55–56, 59–60 |
| PEEP Valves | 35 |
| Permanent Marker | 14 |
| Personal Equipment | 90–92, 127, 130–132, 134 |
| Pocket Masks | 27 |
| PALS Attachments | 136 |
| Pouches | 130–133 |
| Pressure Bandages | 15 |
| Pressure Reducers | 44–45, 48 |
| Pressurised Gas Cylinders | 50–51 |
| PRObag Emergency Bags | 82 |
| PROpack GT Emergency Backpack | 81, 118 |

Index

| | |
|---|---------|
| PROpack GTA 1 Emergency Backpack | 81, 118 |
| PROpack GTA 2 Emergency Backpack | 81, 118 |
| PROpack GTB Emergency Backpack | 81, 118 |
| PROpack GTD Emergency Backpack | 81, 118 |
| PROpack GTDB Emergency Backpack | 81, 118 |
| PROpack GTS Emergency Backpack | 81, 118 |
| PROpack GTSB Emergency Backpack | 81, 118 |
| Protective Gloves | 55–56 |
| Pulse Oximeter | 61 |
| R | |
| Rapid Tests for Blood Group Typing | 74 |
| RD SET®-Sensors | 62–63 |
| Reflex Hammer | 55 |
| Replacement Adhesive Tapes for Masimo – Sensors | 66 |
| Replacement Splints – EASY Splint | 57 |
| Rescue Sheets | 70 |
| Reservoir Bags for Manual Resuscitators | 35 |
| Respiration, Medical Products | 30–51 |
| Respiratory Face Masks | 59 |
| Resuscitation Devices | 26–27 |
| Resuscitation Masks | 34 |
| RFID-Chips for PROpacks and PRObags | 79, 95 |
| S | |
| Secretion Suction | 18–19 |
| Sensors | 62–64 |
| Sheet – Rescue Sheets | 70 |
| Scissors | 31 |

| | |
|--|------------|
| Single Head Stethoscope | 54 |
| Single-Use Nitrile Gloves | 55–56 |
| SMART BAGtag, RFID- and NFC-Chips for PROpacks, PRObags and MEDpacks | 79, 94, 95 |
| Spare Parts – Back Carrying Straps, for MPXL1C | 103 |
| Spare Parts – Manual Resuscitators | 35 |
| Spare Parts – Manual Suction Pump | 18 |
| Spare Parts – Masimo – Sensors | 66 |
| Spare Parts – Modular Bags, for MEDpacks | 101 |
| Spare Parts – Modular Bags, for MPXL1C | 103 |
| Spare Part – Organizer, for ORGAbag | 92 |
| Spare Parts – Sphygmomanometers | 53 |
| Special Equipment | 87–89 |
| SpeedM® – Hemostatics | 15 |
| Sphygmomanometers | 53 |
| Splinting | 57 |
| Sterile Water Systems | 41 |
| Stethoscopes | 54 |
| Sterile Gauze | 16 |
| Storage Cases for Manual Resuscitators | 13 |
| Stylets for Endotracheal Tubes | 23 |
| Suction Catheters | 20 |
| Suction Connection Tubing | 20 |
| Suction Devices | 18–19 |
| Suction Interrupters | 20 |
| Surgical Face Mask | 60 |

Index

T

| | |
|---|---------|
| TACbags | 128–133 |
| TACpacks | 120–127 |
| TACpanels | 135 |
| Tactical Backpacks | 118–127 |
| Tactical Bags | 128–132 |
| Tapes – Adhesive Tapes for Masimo – Sensors | 66 |
| Test Lung | 28 |
| Thoracic Dressings | 30 |
| Time Marker for Tourniquets | 14 |
| Tourniquets | 14 |
| Tourniquet Pouches | 133 |
| Trauma Shears | 31 |
| Triage Bag | 128 |

U

| | |
|--------------------------------|----|
| Universal Splints, EASY Splint | 57 |
| Universal Trauma Shears | 31 |

V

| | |
|---------------------------------|-----------|
| VacUp - Foot Suction Pump | 19 |
| Valves for Manual Resuscitators | 35 |
| Ventilation Filters | 40 |
| Ventilation Management | 22–25, 34 |
| Venturi Masks | 39 |
| Viral Filters | 40 |

W

| | |
|--------------------------|----|
| WEARbag Clothing Bag | 90 |
| Wound Gauze | 15 |
| Wrap for Masimo – Sensor | 66 |

Z

| | |
|----------------|----|
| Z-folded Gauze | 16 |
|----------------|----|

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