





Homecare





Emergency Medical Service



Catalogue

Revision 1.0





Dear Ladies and Gentlemen, Valued Customers and Partners,

It's time, our new catalogue is completed! Besides the well-known products, you will also find various new products and innovations.

We would like to take this opportunity to thank sincerely for **more than 25 years of cooperation and loyalty** to the company HUM. Of course, there have also been various ups and downs during this time and especially recently we have all had to face new situations and circumstances.

Cohesion and good cooperation are our top priority, which we guarantee at all times in our internal processes and in our business relationships with you. We would like to express a big thank you for that, too!

Talking about continuity, price stability and the like here and now is certainly out of place at the moment. Nevertheless, we naturally face all challenges and always strive for the best for you and HUM.

Of course, the focus on "Quality" and "Fulfilment of the requirements of the Medical Device Regulation - MDR" will remain. We have already accepted these challenges and will do everything possible to continue to be the reliable partner at your side as usual.

We will continue to cultivate and expand our established market position as well as AERO brand family in the future. We are also glad to be guided by your opinions and suggestions in this regard, as our product range in the areas of "Homecare, Emergency Medical Service and Hospital" shall continue to grow and, of course, be adapted to market requirements.

On our own behalf, we would also like to **introduce the company BecaTex** to you. As a shareholder with 50 % of the company shares, we at HUM are expanding our range of high quality bags and transport cases - and not only for emergency medicine! In addition to our headquarters in Bielefeld, we also have still a lot of plans for our own production facility in Romania. In today's world, we place great emphasis on independence, which is why we have taken this step towards an **independent European production**. If we have aroused your interest in own projects, then feel free to contact us!

Do you have a special request for which you do not have a solution? We are at your disposal at any time using the known contact details.

We look forward to a further mutual success with you, our friends, partners and customers.

Best regards,

Dietmar Uhlenbruch

D Mhles

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HUM - New Products

"Innovation at the service of users and patients" is the motto for our new products, which we would like to present to you briefly below.

Detailed information can be found in the respective chapters of our brands AEROcase®, AEROcheck®, AEROpart®, AEROvent®, AEROtube®, AEROprotective® as well as HUM Customized, under the given page numbers.

For a better overview, we have also marked the products within the chapters with our "New Products" symbol for you.

You have any questions? Then feel free to contact us at any time!

NEW PRODUCTS



Infrared thermometer for the particularly fast and hygienic measurement within just 1 second. Contactless measurement of the body temperature and also suitable for objects. Delivery including storage bag and batteries. (page 74).



Emergency backpacks as customizable basic models with magnetic, colour-coded grid modular system for individual modular bag assembly. With ultrasonic welding technology to reduce the risk of germ contamination and "Made in Germany" (from page 20).

Spacious clothing bag made of extra robust AEROtex® - PLAN, as a multifunctional spatial miracle for hygienic storage of personal protective clothing and special equipment. With practical extension function, padded shoulder carrying straps and more (page 48).



Oxygen nasal cannula made of transparent PVC with kink-resistant oxygen safety tubing, length 2.00 m as well as straight nasal tips, "soft". Suitable for adults, as phthalate-free version and up to 6 l/min (page 78).



Device Protection Filter for Invacare® - Oxygen Concentrators



Mechanical device intake filter / HEPA filter for various Invacare® - Oxygen Concentrators. Outstanding flow capacity, filtration efficiency bacteria and viruses 99.99+ %, with connections 22M OD - 3/8" FNPT (page 125).

AEROtube® Metal Laryngoscope Handles Reusable Universal CPAP Breathing Tubes Standard and Slim

Reusable F.O. laryngoscope handles, as revised ECO version, in three different designs. Battery-operated with energy-saving LED technology, very good luminosity and made of high quality materials (page 131).

High quality CPAP breathing tubes of type Standard (19 mm) and Slim (15 mm), with 22 mm cuffs, length 1.80 m, suitable for adults. Each available in the versions Classic and the even lighter and more flexible Classic Flex (page 132).

AEROprotective® Surgical Face Mask Type IIR Respiratory Face Mask FFP2 NR

Disposable surgical face mask, Type IIR. Hydrophobic, 3-ply and with pliable plastic-coated nose piece as well as elastic ear loops. Latex-free and fiberglass-free, for a wide range of applications (page 150).

High quality filtering half mask with high particle filtration efficiency and low breathing resistance at the same time. 4-ply, with anatomical fit and inner molded foam in the nose area. With maximum protection through very low leakage (page 151).



With HUM Customized, we offer you the opportunity to create your own AERObag - Pocket Masks and CPR Face Shields, individual AEROfusion - One-Handed Tourniquets and distinctive AEROuse - Instant Cold Compresses.

In order to process your order as easy as possible and to your full satisfaction, you will find the respective product descriptions in our chapter as well as information on delivery time, order quantities and printing specifications. We have also linked the order forms directly for you. If you have any questions about your individual solution, we are always at your disposal! (page 154 - 157)

Explanation of Symbols

The following symbols inside our catalogue give you a quick overview of the assignment of our products to the areas of Homecare, Emergency Medical Service and Hospital. Furthermore, product-specific details on status and further affiliation are marked. We have also highlighted further request options for you!











Accessories

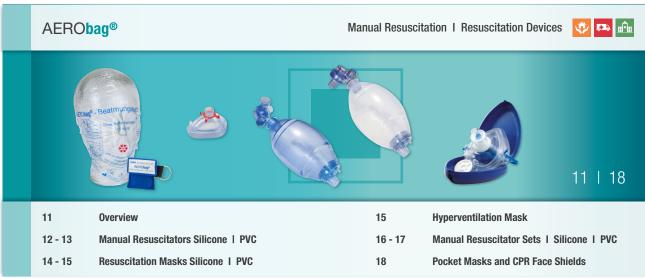


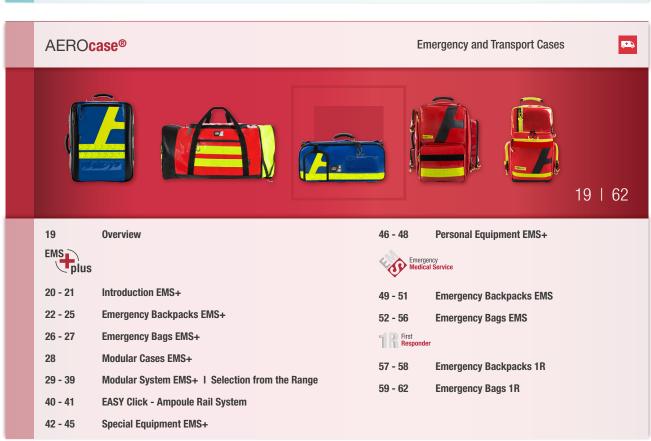


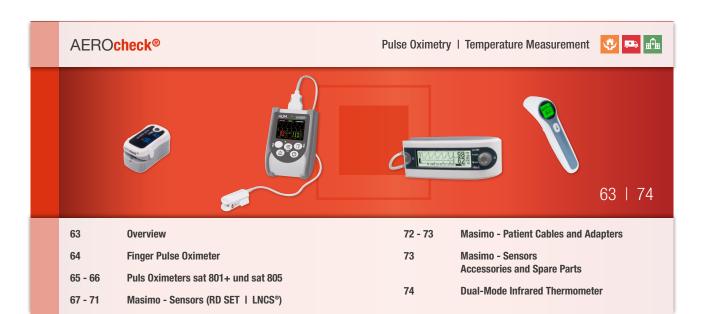
Hospital

Discontinued item

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AEROsuc®

Suction Devices Manual | Pneumatic | Electric 💠 🔤 💼









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AEROvent®

Medical Filters 😛 🔤 💼

















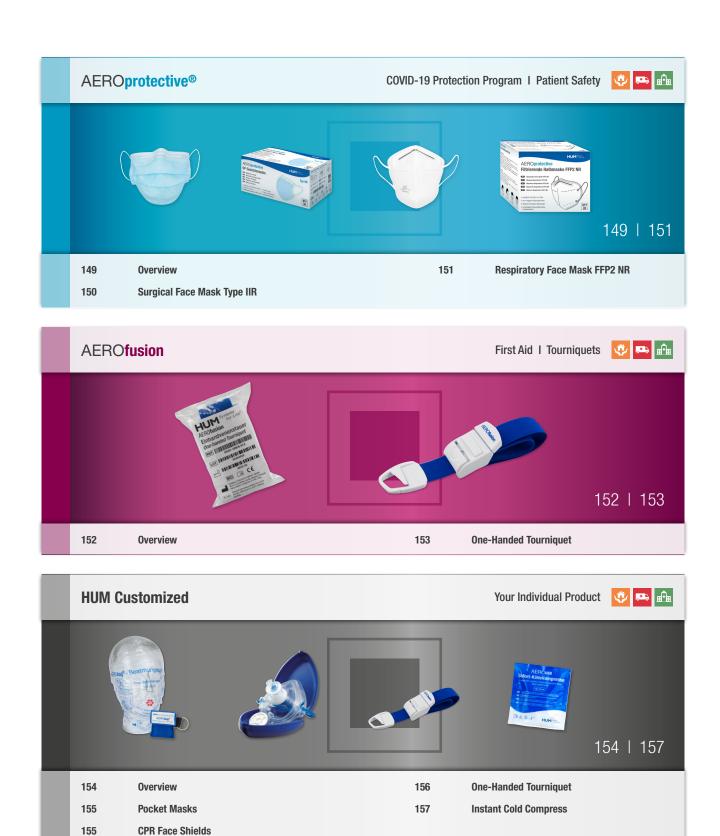
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Our AERObag® product family offers a wide range of solutions for a safe and reliable manual resuscitation as well as emergency ventilation.

AERObag® - Manual Resuscitators and Masks

Our manual resuscitators and masks made of silicone or PVC are powerful helpers in critical situations, designed for a userand patient-friendly application. With our three models for adults, children or infants and our different masks, you are perfectly equipped for every patient group. All necessary accessories for PEEP or oxygen enriched ventilation are also available.

AERObag® - Pocket Masks and CPR Face Shields

Our pocket masks efficiently protect first responders during the life-saving rescue breath and avoid the direct contact between user and patient. Our single use CPR face shields are also ideal helpers for an easy and safe rescue breathing in emergency situations. Upon request, we supply you with customized pocket masks and CPR face shields - with individual customer logo and in different colours. Feel free to contact us!

AERObag® - Manual Resuscitators Silicone | PVC 🔤 🖴



Reusable silicone resuscitators ① - ③ and PVC resuscitators for single use ④ - ⑤, for adults, children and infants. High quality materials, hygiene-friendly and clearly visible thanks to transparent design, combined with easy handling and a secure hold. Powerful, user- and patient-friendly as well as robust - even under toughest operating conditions.

High ease of use

- · Secure hold thanks to the easy-to-grip surface structure
- Rotatable patient connection
- Pressure relief valve adults / children ≤ 60 cmH₂0, at 60 l/min* or children / infants 30 - 45 cmH₂0, at 15 l/min* (Fig. 1)

*Air flow through the pressure relief system

Exact fit

- Patient connection 22F/15M acc. DIN EN ISO 5356
- Masks, tubings and filters can be connected
- Innovative all-in-one intake valve with integrated reservoir valve (Fig. 2)
- Separate connection for 6 mm oxygen tubings
- Conic plug 25.6mm OD / 21.7mm ID:
 - Direct connection for oxygen reservoir bag
 - Connection of demand valves respectively bag-refill systems with 22 mm OD connector is possible by means of a separate adapter





Pressure relief valve

All-in-one intake valve

Silicone

(Reusable / Autoclavable)











| Dationt group | Volume | Item No. | |
|----------------------|----------|------------------|-------------------|
| Patient group | volulile | Silicone | PVC |
| Adults (> 20 kg) | 1500 ml | ● HBB05-E | ■ HBB06-E2 |
| Children (5 - 20 kg) | 450 ml | ② HBB05-K | ⑤ HBB06-K2 |
| Infants (< 5 kg) | 280 ml | ■ HBB05-B | ⑤ HBB06-B2 |

AERObag® - PEEP Valves 🔤 🛍





PEEP valves 2 - 10 cmH $_2$ 0 (orange) or 5 - 20 cmH $_2$ 0 (blue) made of polysulfone 10 or polycarbonate 30 for stepless regulation of the positive end-expiratory pressure (PEEP) during ventilation. All PEEP valves are supplied with 2 socket adapters (22 mm 0D, 30 mm ID).

With the silicone resuscitators, the PEEP valves will be connected to the patient valve using a diverter 5. With the PVC models, the connection is made directly to the expiratory limb integrated in the patient valve.



| Model | Item No. | | |
|--|------------------------------|-------------------|--|
| | Polysulfone | Polycarbonate | |
| PEEP valve orange, 2 - 10 cmH ₂ 0 | 1 HPV05-10 | 3 HPV06-10 | |
| PEEP valve blue, 5 - 20 cmH ₂ 0 | ② HPV05-20 | 4 HPV06-20 | |
| Diverter / PEEP Valve Adapter | 5 HBB05-DV Discontinued item | - | |

AERObag® - Reservoir Bags 🖴 🛍





Reservoir bags made of PVC 1 or polyethylene 2 for additional oxygenation during ventilation. With 25 mm ID connector made of polycarbonate for use with AERObag® - BB05 or - BB06 Manual Resuscitators.





| Volume | Item No. | |
|----------------------------|--------------|----------------|
| | 1 PVC | 2 Polyethylene |
| 2500 ml (adults, children) | HBB05-RB2500 | HBB06-RB2500 |
| 600 ml (infants) | HBB05-RB600 | HBB06-RB600 |

AERObag® - Storage Case 🔤 🛍





Storage case made of transparent polypropylene, suitable for all AERObag® - Resuscitator models including accessories. With hinged handle and large storage space.



| Dimensions (W x H x D) | Item No. |
|------------------------|----------|
| 340 x 145 x 135 mm | HBB05-AB |

AERObag® - Resuscitation Masks Silicone | PVC | 💯 🔤 📠





Reusable silicone resuscitation masks and single use PVC 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.

Silicone 0

- Reusable / Autoclavable
- · Transparent body made of polysulfone and lip bulge made of silicone
- Sizes 3 5

Full silicone ②

- Reusable / Autoclavable
- With integrated silicone lip bulge
- Sizes 0 5

PVC ③

- Single use
- Transparent body and inflatable air bulge, made of PVC
- Colour-coded hooks made of polyethylene for mask head straps



| Sizes | Item No. | | | |
|-------|------------------------|---------------|----------|------------|
| 31268 | Silicone / Polysulfone | Full silicone | 3 PVC | with valve |
| 0 | | HBM05-0V | HBM06-0V | |
| 1 | - | HBM05-1V | HBM06-1V | |
| 2 | | HBM05-2V | HBM06-2V | |
| 3 | HBM05-3 | HBM05-3V | HBM06-3V | |
| 4 | HBM05-4 | HBM05-4V | HBM06-4V | |
| 5 | HBM05-5 | HBM05-5V | HBM06-5V | |

AERObag® - Inflator / Deflator 🥸 🖴 🛍









+ Accessories - Resuscitation Masks

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







| | | I | |
|-----------|--------------------|--------------|----------|
| Materials | Dimensions (W x H) | Weight | Item No. |
| PVC | 4.2 x 7.9 cm | approx. 23 g | HBM01-ID |

AERObag® - Mask Head Straps 🥸 🖴 🛍



Mask head straps for AERObag® - BM05 and BM06 Resuscitation Masks, reusable silicone **①** or single use rubber **②**.





| Model | Item | 1 No. |
|-------------------------------------|------------|------------|
| Mask strap, 700 mm, white, silicone | HBM05-B700 | - |
| Mask strap, 700 mm, black, rubber | - | HBM06-B700 |

AERObag® - Fixation Hook -



(1) Spare Parts - Resuscitation Masks

Fixation hook for mask head strap made of polyethylene, for single use.



| Colour | Item No. |
|--------|----------|
| Blue | НВМ06-ВН |

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



| Item No. |
|---------------|
| HBM06-HV2000E |

AERObag® - Manual Resuscitator Sets | Silicone | 🔤 🕮



Sets for adults, children and infants, consisting of manual resuscitator and up to 3 resuscitation masks, made of silicone.



| Components | | | | Resuscitation mask | | | | | | | | |
|---------------|--------------|--------|-----|--------------------|-----|-----|-----|-----|---|---|---|--------------|
| | Resuscitator | No. of | | Size | | | | | | | | |
| Patient group | volume | masks | 0 V | 1 V | 2 V | 3 V | 4 V | 5 V | 3 | 4 | 5 | Item No. |
| | | | | | | | | | ~ | | | HBB05-E-3 |
| | | 1 | | | | | | | | ~ | | HBB05-E-4 |
| | | | | | | | | | | | ~ | HBB05-E-5 |
| | | | | | ~ | | | | | | ~ | HBB05-E-2V5 |
| | | 2 | | | | | | | ~ | ~ | | HBB05-E-34 |
| | | 2 | | | | | | | ~ | | ~ | HBB05-E-35 |
| Adults | 1500 ml | | | | | | | | | ~ | ~ | HBB05-E-45 |
| | | 3 | | | | | | | ~ | ~ | ~ | HBB05-E-345 |
| | | 1 | | | | ~ | | | | | | HBB05-E-3V |
| | | | | | | | ~ | | | | | HBB05-E-4V |
| | | | | | | | | ~ | | | | HBB05-E-5V |
| | | 2 | | | | ~ | | ~ | | | | HBB05-E-35V |
| | | 3 | | | | ~ | ~ | ~ | | | | HBB05-E-345V |
| | | | | ~ | | | | | | | | HBB05-K-1V |
| | | 1 | | | ~ | | | | | | | HBB05-K-2V |
| | | | | | | ~ | | | | | | HBB05-K-3V |
| Children | 450 ml | | | ~ | ~ | | | | | | | HBB05-K-12V |
| | | 2 | | ~ | | ~ | | | | | | HBB05-K-13V |
| | | | | | ~ | ~ | | | | | | HBB05-K-23V |
| | | 3 | | ~ | ~ | ~ | | | | | | HBB05-K-123V |
| | | 1 | ~ | | | | | | | | | HBB05-B-0V |
| nfants | 290 ml | | | ~ | | | | | | | | HBB05-B-1V |
| illanto | 280 ml | 2 | ~ | ~ | | | | | | | | HBB05-B-01V |
| | | 3 | ~ | ~ | ~ | | | | | | | HBB05-B-012V |

Upon request, we also supply you with our AERObag® - Reservoir Bag and the matching AEROpart® - Oxygen **Safety Tubing!**

AERObag® - Manual Resuscitator Sets | PVC 🔤 🗈

Sets for adults, children and infants, consisting of manual resuscitator and up to 3 resuscitation masks, made of PVC.



| Components | Resuscitator | | | ı | Resuscita | ntion mas | k | | |
|---------------|--------------|--------|------|---|-----------|-----------|---|---|--------------|
| | | No. of | Size | | | | | | |
| Patient group | volume | masks | 0 | 1 | 2 | 3 | 4 | 5 | Item No. |
| | | | | | | ~ | | | HBB06-E2-3 |
| | | 1 | | | | | ~ | | HBB06-E2-4 |
| | | | | | | | | ~ | HBB06-E2-5 |
| Adults | 1500 ml | | | | | ~ | ~ | | HBB06-E2-34 |
| Adults | 1300 1111 | 2 | | | | ~ | | ~ | HBB06-E2-35 |
| | | | | | | | ~ | ~ | HBB06-E2-45 |
| | | 3 | | | ~ | ~ | | ~ | HBB06-E2-235 |
| | | | | | | ~ | ~ | ~ | HBB06-E2-345 |
| | | 1 | | ~ | | | | | HBB06-K2-1 |
| | | | | | ~ | | | | HBB06-K2-2 |
| | 450 ml | | | | | ~ | | | HBB06-K2-3 |
| Children | | | | ~ | ~ | | | | HBB06-K2-12 |
| | | 2 | | ~ | | ~ | | | HBB06-K2-13 |
| | | | | | ~ | ~ | | | HBB06-K2-23 |
| | | 3 | | ~ | ~ | ~ | | | HBB06-K2-123 |
| Infants | | 1 | ~ | | | | | | HBB06-B2-0 |
| | 280 ml | I | | ~ | | | | | HBB06-B2-1 |
| | | 2 | ~ | ~ | | | | | HBB06-B2-01 |
| | | 3 | ~ | ~ | ~ | | | | HBB06-B2-012 |

Upon request, we also supply you with our AERObag $^{\otimes}$ - Reservoir Bag and the matching AEROpart $^{\otimes}$ - Oxygen Safety Tubing!

AERObag® - Pocket Masks



Single use resuscitation mask made of PVC for adults and children, in a robust hard case. Anatomically shaped, excellent cuff sealing properties with elastic rubber head strap. Additionally equipped with an O2 connector for optional oxygen delivery. For optimal protection during rescue breathing, without direct contact between user and patient.

Scope of delivery









Hard case



Bacterial filter + spare filter



Vinyl single use gloves



Customized pocket masks available upon request

With individual customer logo and possible selection of 6 different colours!

| Standard | d colour* | Item No. |
|----------|-----------|-----------|
| | Blue | HBM06-PMB |

AERObag® - CPR Face Shields



Single use CPR face shields 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.













LATEX







Customized pocket masks available upon request

With individual customer logo and possible selection of 14 different colours!

| Standard | d colour* | Item No. |
|----------|---------------|------------------|
| | Blue | HBT01-V-S5x5-B |
| | Black | HBT01-V-S5x5-BLK |
| | Blue Purple | HBT01-V-S5x5-LB |
| | Red | HBT01-V-S5x5-R |
| | Yellow | HBT01-V-S5x5-Y |
| | Golden Yellow | HBT01-V-S5x5-YG |
| | Green | HBT01-V-S5x5-G |





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 you need.

/EROcase® - EMS+

Handmade emergency backpacks and bags, which are characterised by their durability under the toughest operating conditions. Easy hygienic reprocessing thanks to the outstanding EASY Clean hygiene concept and quickly ready for use again.

FEROcase® - EMS

Whether intubation, oxygen or medication, whatever kind of emergency is imminent: The AEROcase® - EMS Emergency Backpacks and Bags offer perfect and flexible solutions to meet the various requirements of a comprehensive emergency care.

FEROcase® - 1R

AEROcase® - 1R Emergency Backpacks and Bags are reliable partners when it comes to medical first aid. The compact and lightweight design enables a comfortable transport which makes them the ideal companions for places of action with long distances or restricted mobility.

The Material



The Quality in Detail

 $Tarpaulin\ material\ AERO tex @- PLAN^{PRO}:\ Disinfectable,\ tear\ and\ abrasion\ resistant\ and\ environmentally\ friendly\ recyclable.$

"Durability even under the toughest operating conditions."

- ① Our AEROtex® PLAN^{PRO} in luminous red was specially made in RAL 3024. This complies to the fluorescent red of the standard DIN EN 1789, Appendix A. Further colours:
- ② Two flat front compartments only on the GTB model (e.g. as a document compartment / compartment for cervical collars)
- Highly reflective strips \(\circ\)
- 4 Transparent window for inserting labels
- Padded back area
- 6 Individually replaceable back carrying straps at any time
- Quality with recognition factor \(\cdot \)

- Reinforced edge protection and abrasion protection through the processing of PVC and CSM on the wear-sensitive points and surfaces
- $\ensuremath{ \bigcirc \hspace{-0.07cm} \bullet}$ Robust, non-slip carrying handles with closed surface, additionally riveted
- Easy-grip, disinfectable zipper pullers (loop shape)
- ① Extra strong and double riveted metal eyelets for back carrying straps with colour markings R / L (alignment)
- Optionally available pelvic strap
- Optionally available chest strap







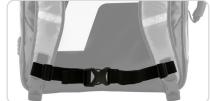














Magnetic Modular System

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.





FEROcase® - PRObag

4 Horizontal

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)
 or
- a lower shell and a lid with external compartments with an integrated grid with magnetic technology (models: PROpack GTA 1 | GTA 2) or
- a lower and an upper shell with an integrated grid with magnetic technology (models: PROpack GTD | GT | GTB | as well as all PRObag)

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

- Upper shell PROpack GT and GTB: suitable for holding 9 cm and 13 cm high modular bags
- Upper shell PROpack GTD: suitable for holding 9 cm high modular bags
- 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

Different heights on the inside: lower shell 13 cm | upper shell 13 cm and / or 9 cm





FEROcase® - PROpack ■

Customizable Basic Models

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



| Material | Colour | Dimensions (W x H x D) | Weight | Model | Item No. |
|--------------------|--------------|-------------------------|-----------------|-------|-----------------------|
| | | approx. 40 x 52 x 14 cm | approx. 2.31 kg | GTS | HT13-SPGTS-70W/BLK |
| | | approx. 40 x 52 x 29 cm | approx. 2.75 kg | GTA 1 | ② HT13-SPGTA1-70W/BLK |
| AEROtex® - PLANPRO | Luminous Red | approx. 40 x 52 x 29 cm | approx. 2.75 kg | GTA 2 | 3 HT13-SPGTA2-70W/BLK |
| (Truck tarpaulin) | (RAL 3024) | approx. 40 x 52 x 21 cm | approx. 2.87 kg | GTD | 4 HT13-SPGTD-70W/BLK |
| | | approx. 40 x 52 x 25 cm | approx. 2.89 kg | GT | 5 HT13-SPGT-70W/BLK |
| | | approx. 40 x 52 x 21 cm | approx. 3.16 kg | GTB | 6 HT13-SPGTB-70W/BLK |

FEROcase® - PRObag

Emergency bag with two shells and integrated magnetic technology.



| Material | Colour | Dimensions (W x H x D) | Weight | Item No. |
|--------------------------------------|----------------------------|-------------------------|----------------|-------------------|
| AEROtex® - PLANPRO (Truck tarpaulin) | Luminous Yellow (RAL 1026) | approx. 43 x 31 x 19 cm | approx. 1.7 kg | HT13-SBM1-90W/BLK |



FEROcase® - PROpack GTS | GTA 1 | GTA 2 | GTD | GT | GTB

Customizable Basic Models

Emergency backpacks "Made in Germany", with magnetic, colour-coded grid modular system for individual modular bag assembly. Due to the applied ultrasonic welding technology, dirt traps such as hook and loop strips can be completely dispensed with and the risk of germ contamination is thus significantly reduced.

Colour example with signal white, highly reflective strips

Colour representation exemplary for AEROcase® - PROpack GTB

Front in Jet Black or Signal White

Back always in Signal White







Colour code - 60 | Carmine Red | RAL 3002



Colour code -10 | Gentian Blue | RAL 5010



Colour code - 90 | Luminous Yellow | RAL 1026



Colour code - 80 | Zinc Yellow | RAL 1018



Colour code -S10 | Pure Orange | RAL 2004



Colour code - S00 | Anthracite Grey | RAL 7016 Colour code -00 | Jet Black | RAL 9005





Colour code -40 | Opal Green | RAL 6026



FEROcase® - PROpack GTS | GTA 1 | GTA 2 | GTD | GT | GTB 🔤

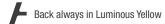
Customizable Basic Models

Emergency backpacks "Made in Germany", with magnetic, colour-coded grid modular system for individual modular bag assembly. Due to the applied ultrasonic welding technology, dirt traps such as hook and loop strips can be completely dispensed with and the risk of germ contamination is thus significantly reduced.

Colour example with luminous yellow, highly reflective strips

Colour representation exemplary for AEROcase® - PROpack GTB











Colour code - 60 | Carmine Red | RAL 3002



Colour code -10 | Gentian Blue | RAL 5010



Colour code - 90 | Luminous Yellow | RAL 1026



Colour code - 80 | Zinc Yellow | RAL 1018



Colour code -S10 | Pure Orange | RAL 2004





Colour code - S00 | Anthracite Grey | RAL 7016 Colour code -00 | Jet Black | RAL 9005



Colour code -40 | Opal Green | RAL 6026















Colour representation exemplary for AEROcase® - PROpack GTB



FEROcase® - Individual Signage



Imprint

Upon request, the backpack can be customized with your logo or an imprinted text.



Identification labels

Stable and custom-fit hard-foil labels for signage of the rescue backpacks and modular bags according to their purpose of use.





FEROcase® - PRObag Emergency Bags



Customizable Basic Models

Emergency bags with magnetic, colour-coded grid modular system for individual modular bag assembly. Due to the applied ultrasonic welding technology, dirt traps such as hook and loop strips can be completely dispensed with and the risk of germ contamination is thus significantly reduced.

Colour example with signal white, highly reflective strips



Front in Jet Black or Signal White









Colour code - 60 | Carmine Red | RAL 3002



Colour code -10 | Gentian Blue | RAL 5010



Colour code - 90 | Luminous Yellow | RAL 1026



Colour code - 80 | Zinc Yellow | RAL 1018



Colour code -S10 | Pure Orange | RAL 2004



Colour code - S00 | Anthracite Grey | RAL 7016



Colour code -00 | Jet Black | RAL 9005



Colour code -40 | Opal Green | RAL 6026



FEROcase® - PRObag Emergency Bags

Customizable Basic Models

Emergency bags with magnetic, colour-coded grid modular system for individual modular bag assembly. Due to the applied ultrasonic welding technology, dirt traps such as hook and loop strips can be completely dispensed with and the risk of germ contamination is thus significantly reduced.

Colour example with luminous yellow, highly reflective strips











Colour code - 60 | Carmine Red | RAL 3002



Colour code -10 | Gentian Blue | RAL 5010



Colour code - 90 | Luminous Yellow | RAL 1026



Colour code - 80 | Zinc Yellow | RAL 1018



Colour code -S10 | Pure Orange | RAL 2004



Colour code - S00 | Anthracite Grey | RAL 7016



Colour code -00 | Jet Black | RAL 9005



Colour code -40 | Opal Green | RAL 6026



FEROcase® - Modular Bags



Customizable Basic Models

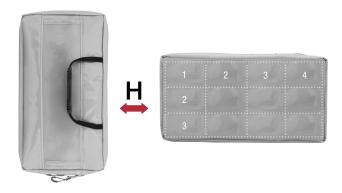
Structured modular bag system in 9 different sizes (grid) for a complete and individual assembly of your bag or backpack. The modular bags can be colour-coded according to your purpose of use and designed individually.

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 horizontally 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









2 x 7 (Oxygen unit)



Das FEROcase® - Modular System

Customizable Modular Bags

A newly developed modular system for high demands and no more 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

- Body with elastic loops in the bottom, available in 9 different sizes
- 2 Lid outside, available in 7 different RAL colours
- 3 Lid inside, available with mesh or elastic loop variations
- O Dividers for buttoning (on both sides), available with mesh, elastic loop variations or snap buttons for attaching transparent compartments
- Partitions for dividing the body
- 6 Loop strips for buttoning (on both sides), using snap buttons, available in different variants













Grid 2 x 4 | Ventilation



Grid 2 x 4 | Intubation



Grid 2 x 4 | Ampoule case



Customizable Modular Bags

The Individual Components

Body - Lid outside - Lid inside - Dividers - Transparent compartments - Partitions - Loop strips

Body

In different sizes (grid), equipped with elastic loops or snaps in the bottom and lid, as well as lateral snaps (on both sides) for attaching the dividers, partitions and / or loop strips.



Grid 2 x 1



Grid 2 x 2



Grid 2 x 3



Grid 2 x 3 (Access)



Grid 2 x 4



Grid 2 x 4 (Ampoule case)



Grid 4 x 1



Grid 4 x 2



Grid 4 x 3



Grid 4 x 4 (Ampoule case)



Grid 2 x 7 (Oxygen unit)

Lid outside

The colour of the modular bag can be customized according to your purpose of use.



Gentian Blue | RAL 5010



Zinc Yellow | RAL 1018



Pure Orange | RAL 2004



Carmine Red | RAL 3002



Opal Green | RAL 6026



Agate Grey | RAL 7038



Anthracite Grey | RAL 7016



Lid inside (selection from the range)









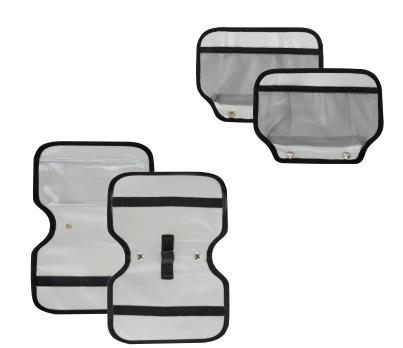


Dividers (selection from the range)

In the front and back view







Transparent compartments (selection from the range)









Partitions





Loop strips (selection from the range)









FEROcase® - Modular Bags 2 x 2 - I.O. | Bandage





- Body: 2 loops in the bottom and 2x 2 snaps
- Lid: 6 loops below, 3 loops above
- Divider: mesh on both sides



Filling example



Bandage

- Body: 2 loops in the bottom and 2x 2 snaps
- Lid: 6 loops below, 3 loops above
- Divider: mesh on both sides



Filling example

| Grid | Variant | Material | Dimensions (W x H x D) | Item No. |
|------------------|--------------------|-------------------------|-------------------------|--------------------|
| O. O. Harizantal | AEROtex® - PLANPRO | approx. 18 x 13 x 14 cm | ① HT13-SC2x2l0Z21-S15 | |
| 2 x 2 | Horizontal | (Truck tarpaulin) | approx. 18 x 13 x 14 cm | ② HT13-SC2x2V21-45 |

FEROcase® - Modular Bag 2 x 3 - Access | Infusion

Standard Modular Bags



Access / Infusion

- Body: divided in the middle 2 loops in the bottom
- Lid: various loops + plaster roll holder closable with a snap button
- Divider: double flaps with loops



Filling example

| Grid | Variant | Material | Dimensions (W x H x D) | Item No. |
|-------|-------------------|---|-------------------------|------------------|
| 2 x 3 | ‡V ertical | AEROtex® - PLAN ^{PRO} (Truck tarpaulin) | approx. 22 x 13 x 18 cm | HT13-SC2x3Z21-65 |







1 2 Ventilation

- Body: 2 loops in the bottom and 2x 2 snap buttons
- Lid: 5 double loops



Height 9 cm



Height 13 cm





Filling example



3 4 Diagnostic

- Body: 2 loops in the bottom and 2x 2 snaps
- Lid: 2 small loops bottom left + 2 loop straps



Height 9 cm



Height 13 cm





Filling example

| Grid | Variant | Material | Dimensions (W x H x D) | Item No. |
|-------|-------------------|---|-------------------------|--------------------|
| 2 x 3 | ‡V ertical | AEROtex® - PLANPRO (Truck tarpaulin) | approx. 22 x 9 x 18 cm | ① HT13-SC2x3B11-15 |
| | | | approx. 22 x 13 x 18 cm | ② HT13-SC2x3B21-15 |
| | | | approx. 22 x 9 x 18 cm | 3 HT13-SC2x3D11-85 |
| | | | approx. 22 x 13 x 18 cm | 4 HT13-SC2x3D21-85 |

FEROcase® - Modular Bags 2 x 4 - Ventilation | Intubation | Bandage







10 2 Ventilation

- Body: 2 loops in the bottom and 2x 2 snaps
- Lid: 6 double loops



Height 9 cm



Height 13 cm





Filling example



3 4 Intubation

- Body: 2 loops in the bottom and 2x 2 snaps
- Lid: loops
- Divider: Various loops and double loops



Height 9 cm



Height 13 cm





Filling example







6 Bandage

- Body: 2 loops in the bottom and 2x 2 snaps
- Lid: mesh
- Divider: mesh and 2 transparent compartments on the bottom + loops for bandage scissors



Height 13 cm



Filling example

| Grid | Variant | Material | Dimensions (W x H x D) | Item No. |
|-------|--------------------|---|-------------------------|---------------------------|
| | | AEROtex® - PLAN ^{PRO} (Truck tarpaulin) | approx. 28 x 9 x 18 cm | ① HT13-SC2x4B11-15 |
| | | | approx. 28 x 13 x 18 cm | ② HT13-SC2x4B21-15 |
| | ‡ V ertical | | approx. 28 x 9 x 18 cm | 3 HT13-SC2x4l11-15 |
| 2 x 4 | | | approx. 28 x 13 x 18 cm | 4 HT13-SC2x4l21-15 |
| (| | | approx. 28 x 9 x 18 cm | 5 HT13-SC2x4V11-45 |
| | | | approx. 28 x 13 x 18 cm | 6 HT13-SC2x4V21-45 |

FEROcase® - Modular Bags 4 x 3 - Bandage | Intubation □

Standard Modular Bags



• Bandage

- Body: 3 loops in the bottom and 2x 3 snaps
- Lid: mesh
- Divider: mesh and 3 transparent compartments on the bottom + loops for bandage scissors



Filling example





| Grid | Variant | Material | Dimensions (W x H x D) | Item No. |
|-------|-----------|---|-------------------------|--------------------|
| 4 x 3 | Orizontal | | approx. 36 x 9 x 18 cm | ● HT13-SC4x3V11-45 |
| | | AEROtex® - PLAN ^{PRO} (Truck tarpaulin) | approx. 36 x 13 x 18 cm | ② HT13-SC4x3V21-45 |
| | | | approx. 36 x 9 x 18 cm | 3 HT13-SC4x3l11-15 |
| | | | approx. 36 x 13 x 18 cm | 4 HT13-SC4x3l21-15 |

FEROcase® - Modular Bag 2 x 4 - Ampoule Case ■

Standard Modular Bags

Filling example



Ampoule Case

 Body: 2x 2 snaps and 2x 2 snaps for divider

• Divider: Various loops and double loops

- Lid: 2x 2 snaps
- Divider: 2x 2 snaps on both sides

Equipment including:

- 1x 3 transparent compartment
- 1x 5 transparent compartment
- 2x EASY Click Ampoule Rail Set for 10 ampoules each
- 2x loop strips with double loops (6x 3.3 cm below | 3x 6.6 cm above)



Filling example

| Grid | Variant | Material | Dimensions (W x H x D) | Item No. |
|-------|--------------------|---|-------------------------|------------------------|
| 2 x 4 | ‡ V ertical | AEROtex® - PLAN ^{PRO} (Truck tarpaulin) | approx. 28 x 13 x 18 cm | HT13-SC2x4A21-65-SET31 |



FEROcase® - Modular Bag 4 x 4 - Ampoule Case





Ampoule Case

- Body: 3x 3 snaps and 2x 3 snaps for divider
- Lid: 3x 3 snaps
- Divider: 3x 3 snaps on both sides

Equipment including:

- 2x 2 transparent compartment
- 1x 4 transparent compartment
- 5x EASY Click Ampoule Rail Set for 10 ampoules each
- 3x loop strips with 6 loops of 4 cm each
- 1x loop strip with 4 loops of 6 cm each







Filling example

Filling example

| Grid | Variant | Material | Dimensions (W x H x D) | Item No. |
|-------|-------------------|---|-------------------------|------------------------|
| 4 x 4 | ‡V ertical | AEROtex® - PLANPRO (Truck tarpaulin) | approx. 36 x 13 x 26 cm | HT13-SC4x4A21-65-SET31 |

FEROcase® - Modular Bag 2 x 7 - Oxygen Unit ■

Standard Modular Bags





Fixation straps for oxygen cylinders (0.8 | 1 | 1 | 2 liters) as well as additional fixation loops that can be used variably



Filling example

| Grid | Grid Variant Material | | Dimensions (W x H x D) | Item No. |
|----------------|-----------------------|---|-------------------------|------------------|
| 1 2 x 7 | ↓V ertical | AEROtex® - PLAN ^{PRO} (Truck tarpaulin) | approx. 36 x 13 x 26 cm | HT13-SC2x7021-15 |



FEROcase® - Modular Bags - Signage



Stable and custom-fit hard-foil labels for signage of the modular bags according to their purpose of use.







Upon request also available with individual labelling and in different font colours!

| Labelling (function group) | Font colour | Dimensions (W x H) | Grid | Item No. |
|----------------------------|-------------|--------------------|-------|---------------------|
| 1.0. | Orange | approx. 7 x 14 cm | 2 x 2 | HT10-LAB-C2x2l0Z-S1 |
| | | approx. 7 x 14 cm | 2 x 2 | HT10-LAB-C2x2V-4 |
| Bandage | Green | approx. 7 x 18 cm | 2 x 3 | HT10-LAB-C2x3V-4 |
| | | approx. 7 x 32 cm | 4 x 3 | HT10-LAB-C4x3V-4 |
| Diagnostic | Valleye | approx. 7 x 18 cm | 2 x 3 | HT10-LAB-C2x3D-8 |
| Diagnostic | Yellow | approx. 7 x 23 cm | 2 x 4 | HT10-LAB-C2x4D-8 |
| Intubation | Blue | approx. 7 x 23 cm | 2 x 4 | HT10-LAB-C2x4I-1 |
| Access | D-4 | approx. 7 x 18 cm | 2 x 3 | HT10-LAB-C2x3Z-6 |
| Access | Red | approx. 7 x 23 cm | 2 x 4 | HT10-LAB-C2x4Z-6 |
| Amazula acca | | approx. 7 x 23 cm | 2 x 4 | HT10-LAB-C2x4A-6 |
| Ampoule case | Red | approx. 7 x 32 cm | 4 x 4 | HT10-LAB-C4x4A-6 |
| Oxygen unit | Blue | approx. 6 x 17 cm | 2 x 7 | HT10-LAB-C2x70-1 |

Exemplary Filling of the FEROcase® - PROpack GTB



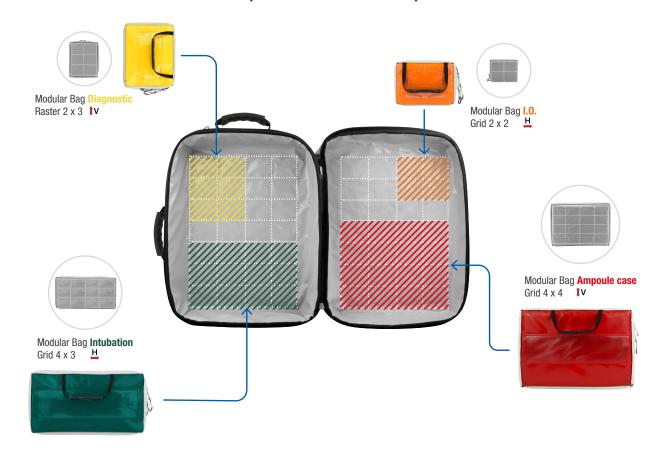




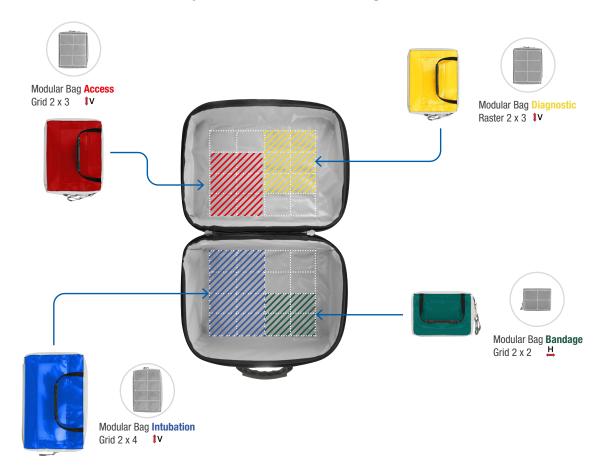
FEROcase® - Modular Bags - Configuration



Example for *F***EROcase**[®] - **PROpack**



Example for FEROcase[®] **- PRObag**





FEROcase® - EASY Click



Customizable EASY Click System

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

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





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







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!

Individual Components - The Ampoule Rail System

Rail, length 197 mm (Suitable for 2 x 4 ampoule case)



3 Rail tail adapters Version for screwing or riveting



Front













4 Rail tail adapters Version with snap button









Front

Back

3 Rail connection adapter Version for screwing or riveting

6 Rail connection adapter Version with snap button





Back



Example of rail connection adapter with two rails





Front



Back



Example of rail connection adapter with two rails

O Clip set (SU = 10 pieces)

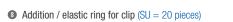














Transparent mask 245 mm x 55 mm (W x H)





| Description | Item No. |
|--|---------------------------|
| Rail length: 197mm | 1 HT13-SAL01-L197 |
| Rail length: 284 mm | ② HT13-SAL01-L284 |
| Rail tail adapters, version for screwing or riveting | 3 HT13-SAL01-BS1/2 |
| Rail tail adapters, version with snap button | 4 HT13-SAL01-BS1D/2 |
| Rail connection adapter, version for screwing or riveting | 5 HT13-SAL01-VS1 |
| Rail connection adapter, version with snap button | 6 HT13-SAL01-VS1D |
| Clip set (SU = 10 pieces) | 1 HT13-SAL01-CL/10 |
| Addition / rubber ring for clip (SU = 20 pieces) | 3 HT13-SAL01-CL-SR/20 |
| Transparent mask W x H: 245 mm x 55 mm (suitable for 2 x 4 ampoule case) | 9 HT13-SCT2x4-01 |
| Transparent mask W x H: 330 mm x 65 mm (suitable for 4 x 4 ampoule case) | 10 HT13-SCT4x4-01 |

Plus

Special Equipment



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
- ullet Regulation of the ${
 m O}_2$ 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)











with additional front pocket

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



Filling for illustration purposes only, not included in the scope of supply.

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







Close: put on straight and let click into place

| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Item No. |
|--|--------|-------------------------|-------------------------|----------------|-----------------|-----------------|
| AEROtex® - PLAN ^{PRO} Gentian Blue (RAL 5010) | S | approx. 52 x 22 x 14 cm | approx. 1.1 kg | approx. 13 l | ● HT13-0XYBS2-1 | |
| | | M | approx. 52 x 22 x 20 cm | approx. 1.4 kg | approx. 19 I | ② HT13-0XYBM2-1 |



Upon request also available with a logo print on the reflective strip - minimum purchase 50 pieces







Compact emergency bag for your immobilization equipment.

Thanks to its special design, the IMMObag L2 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.



Filling for illustration purposes only, not included in the scope of supply.

Attachment option

- · Optionally available carrying straps for attachment directly to the spineboard
- 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, US





| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Item No. |
|--------------------------------------|-------------------------|---------------------------|-----------------|--------------|-------------------|
| AEROtex® - PLANPRO (Truck tarpaulin) | Luminous Red (RAL 3024) | approx. 84.5 x 24 x 29 cm | approx. 1.65 kg | approx. 41 I | HT13-IMM0BL2-7Y/Y |



FEROcase® - Device Bag for corpuls³ - Standard | Slim

Robust emergency device bag, especially developed and tested for the corpuls³ patient monitor with integrated defibrillator, for the safe transport and unrestricted operation.

- Reliable protection of the device as well as the accessory parts
- Unrestricted access to the user interface without having to take the device out of the bag
- Two side pockets, each with two separately accessible zipper compartments, offer enough storage space for the necessary utensils
- Magnetic buckles on two fastening straps enable the quick and safe attachment to a stretcher

Tested safety

Compliant acc. EN 1789, section 4.5.9 (10 g test)
 Emergency vehicles and their equipment - ambulances -

Conspicuous design

Thanks to the reflective strips, the bag can be seen at all times. Accidentally leaving at the place of action is a thing of the past.

- · Luminous Red RAL 3024 / Black
- · Highly reflective strips

2 spacious side pockets

- No squeezing when storing all the necessary utensils
- · Flexibility in assembly
- Enough storage space for:
 - ECG adhesive electrodes and child / infant accessories or alternatively hard paddles individually (excluding child / infant accessories)
 - Small and large blood pressure cuff
 - Cable for instruments listed above
 - Wet shaver
 - Printer paper roll (ECG)
 - Spare adapter for tube



Fig. with endotracheal adapter for single use



For a safe / trouble-free storage of the CO₂ sensors, these should be pre-connected and adapted in the CO₂ adapter* for single use ③.

- · Faster operating times
- No error messages

*Adapter for single use is not included in the scope of supply



- Transparent compartment for customized labelling ①
- Viewing window for type label 2

SIMS - Snap In Magnetic System



Viewing and operating window for the display of the patient box

Easy to use

- Practical and quick access to the user interface
- · Access and monitoring without removing the device



| Material | Colour | Dimensions (W x H x D) | Weight | Item No. |
|--|-------------------------|-------------------------|----------------|------------------|
| AEROtex® - PLAN ^{PRO} (Truck tarpaulin) | Luminous Red (RAL 3024) | approx. 52 x 26 x 15 cm | approx. 1.1 kg | HT13-GT-CC3.1-70 |







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
- · 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



- Snap In Magnetic System



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

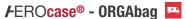




| Material | Colour | Dimensions (W x H x D) | Weight | Volume | Item No. |
|-----------------------------|-----------------------|-------------------------|----------------|--------------|-------------|
| AEROtex® - PLAN (Tarpaulin) | Signal Red (RAL 3001) | approx. 45 x 31 x 18 cm | approx. 1.1 kg | approx. 16 I | HT13-ABL1-R |



Personal Equipment



Organizer in DIN A4 and 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.

The DIN A4 Model



Snap Back handle

When opened, the folder is flat on the ground





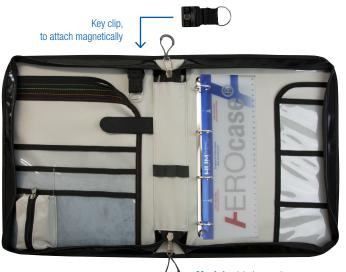
Including aluminum clipboard with anti-scratch coating, attachable and in the slide-in compartment on the back

Flexible organizational talents

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







Mask for 4-hole punch with integrated ruler

Filling examples













| Material | Colour | Dimensione (W v II v D) | Woight | Item No. | | |
|-----------------|-----------------------------|-------------------------------|--------------|------------------|----------------|--|
| iviatei iai | Goloui | Dimensions (W x H x D) | Weight | 4-hole punch | 2-hole punch | |
| | Ultramarine Blue (RAL 5002) | approx. 29 x 37.5 x 6.5 cm | approx. 1 kg | ● HT13-ORGAB41-1 | HT13-0RGAB42-1 | |
| AEROtex® - PLAN | Luminous Yellow (RAL 1026) | | | ② HT13-ORGAB41-9 | HT13-0RGAB42-9 | |
| (Tarpaulin) | Luminous Red (RAL 3024) | | | 3 HT13-ORGAB41-7 | HT13-0RGAB42-7 | |
| | Black | | | 4 HT13-ORGAB41-0 | HT13-0RGAB42-0 | |

Personal Equipment







Clear interior layout

- Transparent inner pockets
- · Elastic fixation loops for writing utensils

Filling examples







0





2



3

| | Material | Colour | Dimensions (W x H x D) | Weight | Item No. |
|--|--------------------------------|-----------------------------|--------------------------|----------------|------------------|
| | AEROtex® - PLAN (Tarpaulin) | Ultramarine Blue (RAL 5002) | | | 1 HT13-ORGAB51-1 |
| | | Luminous Yellow (RAL 1026) | approx. 29 x 22.5 x 5 cm | approx. 0.5 kg | 2 HT13-ORGAB51-9 |
| | | Black | | | |

FEROcase® - Tablet and Navi Bag



Tablet inserts (up to 7 and 10 inch screen diagonal) and navigation insert, made of nylon material, anthracite, for DIN A4 and DIN A5 organizers.







| Description | Material | Dimensions (W x H x D) | Suitable for | Item No. |
|---------------|----------|------------------------|---------------------|----------------------|
| Tablet bag 7" | Mulan | approx. 25 x 17 cm | ORGAbag DIN A5 / A4 | ● HT12-ORGAB-TB71-S0 |
| Navi bag | Nylon | approx. 26 x 20.5 cm | ORGAbag DIN A5 / A4 | ② HT12-ORGAB-NB1-S0 |

FEROcase® - 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



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 | Item No. |
|--------------------------------|-----------------------------|------|------------------------------|-------------------|-----------------------|---------------------|
| AEROtex® - PLAN (Tarpaulin) | Signal Red (RAL 3001) | L/XL | approx. 70 (80) x 40 x 45 cm | approx. 2.5 kg | approx. 95 (107) I | HT23-WEARBLXL1-69 |
| | Ultramarine Blue (RAL 5002) | | | | | ② HT23-WEARBLXL1-29 |
| | Black | | | | | 3 HT23-WEARBLXL1-09 |

FEROcase® - MPXL1C □

Emergency backpack EMS in "Extra Large" made of AEROtex® - PLAN (Tarpaulin).

- Two-part interior with 7 transparent modular bags in different sizes
- Integrated oxygen cylinder holder for oxygen cylinder (0.8 | | 1.0 | | 2.0 |)
- 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



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Item No. |
|--------------------------------|-----------------------------|------|-------------------------|-------------------|-----------------|-----------------|
| | Signal Red (RAL 3001) | XL | approx. 52 x 54 x 25 cm | approx. 5.1 kg | approx. 55 I | HT03-MPXL1C-R |
| AEROtex® - PLAN (Tarpaulin) | Luminous Yellow (RAL 1026) | | | | | ② HT03-MPXL1C-Y |
| (Tarpaulili) | Ultramarine Blue (RAL 5002) | | | | | 3 HT03-MPXL1C-B |

FEROcase® - MPXL1C | Spare Parts



Back carrying strap







| Material | Colour | Suitable for | Alignment | Item No. |
|-------------------|--------------------------------|-----------------|-----------|----------------------|
| Signal Red (RAL 3 | Cignal Dad (DAL 2001) | HT03-MPXL1C-R | Left | HT03-MPXL1C-GR/L-R |
| | Signal Red (RAL 3001) | H103-INIFAL10-N | Right | ② HT03-MPXL1C-GR/R-R |
| | | HT03-MPXL1C-Y | Left | 3 HT03-MPXL1C-GR/L-B |
| (Tarpaulin) | Luminous Yellow (RAL 1026) | HTU3-WPXLTU-Y | Right | 4 HT03-MPXL1C-GR/R-B |
| | Illian arraige Dive (DAL 5000) | LITO2 MDVI 10 D | Left | 5 HT03-MPXL1C-GR/L-Y |
| | Ultramarine Blue (RAL 5002) | HT03-MPXL1C-B | Right | 6 HT03-MPXL1C-GR/R-Y |

Modular Bag Sets

















| Material | Colour | Suitable for | Size | Item No. |
|-----------------|-----------------------|---------------------------|------|---------------------------|
| AEROtex® - PLAN | Signal Red (RAL 3001) | | S | HT03-MPXL1-CS-R |
| | Grey | Emergency backpack MPXL1C | 3 | ② HT03-MPXL1-CS-GR |
| | Signal Red (RAL 3001) | | M | 3 HT03-MPXL1-CM-R |
| | Grey | | IVI | 4 HT03-MPXL1-CM-GR |
| (Tarpaulin) | Signal Red (RAL 3001) | | 1 | |
| | Grey | | L | 6 HT03-MPXL1-CL-GR |
| | Signal Red (RAL 3001) | | XL | ● HT03-MPXL1-CXL-R |
| | Grey | | ΛL | HT03-MPXL1-CXL-GR |



⊬EROcase® - EPMC ■

AED emergency backpack EMS in "Medium", made of durable AEROtex® - PLAN (Tarpaulin), with padded front pocket for the safe transport of almost all common AED devices. Thanks to the unique unfolding mechanism, all compartments can be accessed quickly in an emergency situation and offer a structured overview.

- Unfoldable outer pocket with padded panel for almost all common AED devices
- Two-part interior with 2 transparent compartments and 3 modular pockets provides generous storage space
- Removable and variable padded panel to protect the device
- High carrying comfort thanks to robust carrying handles and padded, removable back carrying straps
- Hook and loop strip on the front for customized labelling







Padded panel in the front compartment





Comfortable transport with padded shoulder carrying strap

| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Item No. |
|-----------------------------|-----------------------|------|-------------------------|----------------|--------------|-----------|
| AEROtex® - PLAN (Tarpaulin) | Signal Red (RAL 3001) | M | approx. 40 x 42 x 27 cm | approx. 2.9 kg | approx. 37 I | HT03-EPMC |

⊬EROcase® - MB0L1 ■

Emergency oxygen bag EMS in "Large" made of blue AEROtex® - PLAN (Tarpaulin).

- · Padded outer walls protect the interior
- Main compartment with fixation straps for oxygen cylinders (2 and 5 liters) and additional storage compartments •
- External front pocket 2 with hook and loop strip 7, for the inclusion of the additional respiratory accessories
- Locking strap to restrict the max. opening width 3
- EASY Access Window to regulate the 0₂ flow and control of the cylinder contents
- Fixation straps for the transport to a stretcher §
- Comfortable transport with padded shoulder carrying strap or wide carrying straps 6
- Hook and loop strip for patches



Emergency Medical Service







| Material | Colour | Size | Dimensions (W x H x D) | Weight | Item No. |
|-----------------------------|-----------------------------|------|-------------------------|----------------|--------------|
| AEROtex® - PLAN (Tarpaulin) | Ultramarine Blue (RAL 5002) | L | approx. 55 x 21 x 31 cm | approx. 1.4 kg | HT03-MB0L1-B |

⊬EROcase® - MBVL1 □

Emergency bag EMS in "Large" made of AEROtex® - PLAN (Tarpaulin).

- Structured, practical interior layout with versatile organizational options
- Main compartment in the bottom with variably adjustable partioning system
- Fixable, removable center wall with straps, loops and compartments in the upper main compartment for an optimal organization of size-specific materials
- Comfortable transport thanks to ergonomic comfort handle and with padded shoulder carrying strap
- Protected bottom and back area
- Main compartment in the lid with large closable compartments and fixation loops



Protected bottom and back area







Interior concept for professional use



Filling example





| Material | Colour | Size | Dimensions (W x H x D) | Weight | Item No. |
|-----------------------------|-----------------------|------|-------------------------|----------------|--------------|
| AEROtex® - PLAN (Tarpaulin) | Signal Red (RAL 3001) | L | approx. 45 x 34 x 19 cm | approx. 2.9 kg | HT03-MBVL1-R |

FEROcase® - MCAS1 | MCAL1

EMS ampoule cases in "Small" and "Large" made of AEROtex® - PLAN (Tarpaulin) for the shatter-proof storage of ampoules, cannulas and syringes.

- $\bullet~$ Holds 50 ampoules (24 x 1 ml $\,\mid~$ 14 x 1 2 ml $\,\mid~$ 7 x 5 ml $\,\mid~$ 5 x 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









Large ampoule

- Removable ampoule boards with professional ampoule rails and 3 elastic fixation loops
- Padded divider with spacious transparent compartments for syringes, cannulas, etc.
- All-round integrated foam protects the contents from shattering
- Transparent window for parts list / labelling
- Hook and loop strip on the back for the optimal attachment in emergency cases
- · Bidirectional zipper with zipper puller

Exact fit for the front pockets of the MPXL1C emergency backpack





Holds 66 ampoules and 6 vials

| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Item No. |
|-----------------|-----------------------|--------------------------|--------------------------|-----------------|--------------|----------------|
| AEROtex® - PLAN | S | approx. 18 x 14 x 7.5 cm | approx. 0.23 kg | approx. 1.8 l | HT03-MCAS1-R | |
| (Tarpaulin) | Signal Red (RAL 3001) | L | approx. 27 x 22 x 9.5 cm | approx. 1.20 kg | approx. 5 l | ② HT03-MCAL1-R |

FEROcase® - Ampoule Board ■ •••

Ampoule board made of stable acrylic glass, with 2 ampoule rails for holding a total of 22 ampoules (2 x 11 ampoules).



Suitable for: Storage in drawers

Suitable for:



| Artikel | Dimensions (W x H x D) Contents | Weight | Item No. |
|-----------------------------|--|-----------------|-------------|
| Ampoule board with 2 rails | approx. 23.6 x 22.5 x 3.2 cm | approx. 0.35 kg | HNK01-AT |
| Single ampoule rail | approx. 22 cm long | - | HNK01-AL220 |
| Screw set for ampoule rails | 3x screws M3x10, DIN 966 3x screw nuts, DIN 934 3x rosette M3, DIN 88966 | - | HNK01-ALBS |

The perfect solution for attaching in the vehicle

EASY Click - Ampoule Rail System

Are you still looking for an ideal attaching option in the vehicle and you are not satisfied with the usual solutions? With our EASY Click - Ampoule Rail System, we offer you an ideal solution!

- Suitable for the flexible storage of all required ampoules in the medicine cabinet
- Innovative option for the safe transport of ampoules and vials
- For an easy and fast fixation as well as removal of the ampoules
- · Made of high-tech plastic
- For ampoules up to 17 mm in diameter

You can find more information about our EASY Click models, application as well as variably attachable individual components from page 40 or from your AEROcase® - Specialist Dealer.



Application example on acrylic removable plate in the medicine cabinet





FEROcase® - MCIS1 | MCIL1 Intubation Bags

Intubation bags EMS in "Small" made of AEROtex® - DURA (Nylon) and "Large" made of AEROtex® - PLAN (Tarpaulin) for the safe holding of laryngoscope, blades, laryngeal masks, etc.

Intubation Bag MCIS1

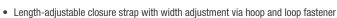
Space-saving, rollable intubation bag made of durable nylon material AEROtex® - DURA (Nylon).

• 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







Intubation Bag MCIL1

Discontinued item

Large spacious intubation bag made of durable AEROtex® - PLAN (Tarpaulin).

- · Robust and easy to disinfect
- Many elastic fixation loops for attaching the accessories required for the intubation
- · Compartments for storing endotracheal tubes and laryngeal masks
- Transparent window for parts list / labelling
- Hook and loop strip on the back for the optimal attachment in emergency cases
- · Bidirectional zipper with zipper puller





| ľ | /laterial | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Item No. |
|---|-----------------------------|-----------------------------|------|--------------------------|-----------------|-------------|----------------------------------|
| 1 | AEROtex® - DURA (Nylon) | Ultramarine Blue (RAL 5002) | S | approx. 30 x 16 x 4 cm | approx. 0.24 kg | approx. 2 I | 1 HT01-MCIS1-B |
| A | AEROtex® - PLAN (Tarpaulin) | Ultramarine Blue (RAL 5002) | L | approx. 27 x 22 x 9.5 cm | approx. 0.50 kg | approx. 5 l | 2 HT03-MCIL1-B Discontinued item |

⊬EROcase® - RPL1C □

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











Individual organization

- 5 modular bags in different sizes
- Tarpaulin single colour (Red / Blue / Luminous Yellow)
- Polyester colour-coded
- Transparent window and handles



Model: Tarpaulin



Model: Polyester

AEROtex® - PLAN









| Material | Colour | Size | Dimensions (W x H x D) | Weight | Equipment | Item No. |
|------------------------------|-----------------------------|------|---------------------------|-----------------|---|----------------|
| | Signal Red (RAL 3001) | | | | Modular Bag Set, Tarpaulin, Red (Tarpaulin) | 1 HT03-RPL1C-R |
| AEROtex® - PL (Tarpaulin) | Luminous Yellow (RAL 1026) | L | L approx. 36 x 47 x 26 cm | approx. 3 kg | Modular Bag Set, Tarpaulin, Blue | ② HT03-RPL1C-B |
| (| Ultramarine Blue (RAL 5002) | | | o ng | Modular Bag Set, Tarpaulin, Luminous Yellow | 3 HT03-RPL1C-Y |

AEROtex® - PES









| Material | Colour | Size | Dimensions (W x H x D) | Weight | Equipment | Item No. |
|-------------------------------|-----------------------------|------|-------------------------|-----------------|--|------------------|
| | Signal Red (RAL 3001) | | арргох. 36 х 47 х 26 ст | approx. 2 kg | | 4 HT01-RPL1C-R |
| AEROtex® - PES (Polyester) | Ultramarine Blue (RAL 5002) | L | | | Modular Bag Set Polyester, 5-colour | 6 HT01-RPL1C-B |
| (. 0.) 00.0 | Black | | | | | 6 HT01-RPL1C-BLK |

Modular Bag Sets









| Material | Colour | Item No. |
|--------------------------------|-----------------------------|---------------------|
| AEROtex® - PLAN (Tarpaulin) | Signal Red (RAL 3001) | HT03-RPL1-C-SET-R |
| | Luminous Yellow (RAL 1026) | 2 HT03-RPL1-C-SET-B |
| | Ultramarine Blue (RAL 5002) | 3 HT03-RPL1-C-SET-Y |
| AEROtex® - PES (Polyester) | 5-colour | HT01-RPL1-C-SET |

FEROcase® - RBS1 | RBM1 | RBL1

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 coulor 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



Further equipment details RBS1 | RBM1

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 RBL1

Professionally organized

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



⊬EROcase® - RBS1











| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Item No. |
|---|-----------------------------|------|-------------------------|----------------|--------------|----------------------|
| | Signal Red (RAL 3001) | | | | | 1 HT03-RBS1-R |
| AEROtex® - PLAN (Tarpaulin) | Ultramarine Blue (RAL 5002) | | approx. | approx. 0.9 kg | approx. 12 l | ② HT03-RBS1-B |
| (************************************** | Luminous Yellow (RAL 1026) | S | approx. 37 x 21 x 27 cm | | | 3 HT03-RBS1-Y |
| AEROtex® - PES | Signal Red (RAL 3001) | | | 0.71 | | 4 HT01-RBS1-R |
| (Polyester) | Ultramarine Blue (RAL 5002) | | | approx. 0.7 kg | | 5 HT01-RBS1-B |

⊬EROcase® - RBM1



| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Item No. |
|---|-----------------------------|------|-------------------------|-------------------|--------------|----------------------|
| | Signal Red (RAL 3001) | | approx. 43 x 25 x 27 cm | | approx. 18 I | ● HT03-RBM1-R |
| AEROtex® - PLAN (Tarpaulin) AEROtex® - PES (Polyester) | Ultramarine Blue (RAL 5002) | M | | approx. 1.0 kg | | ② HT03-RBM1-B |
| | Luminous Yellow (RAL 1026) | | | | | ❸ HT03-RBM1-Y |
| | Signal Red (RAL 3001) | | | approx. | | 4 HT01-RBM1-R |
| | Ultramarine Blue (RAL 5002) | | | 0.8 kg | | 5 HT01-RBM1-B |

⊬EROcase® - RBL1













| Material | Colour | Size | Dimensions (W x H x D) | Weight | Volume | Item No. |
|--------------------------------|-----------------------------|------|-------------------------|----------------|--------------|-----------------|
| | Signal Red (RAL 3001) | | | | | HT03-RBL1-R |
| AEROtex® - PLAN (Tarpaulin) | Ultramarine Blue (RAL 5002) | | | approx. 1.4 kg | | ② HT03-RBL1-B |
| (| Luminous Yellow (RAL 1026) | L | approx. 52 x 32 x 32 cm | | approx. 28 I | ⊕ HT03-RBL1-Y |
| | Signal Red (RAL 3001) | | | approx. 1.2 kg | | 4 HT01-RBL1-R |
| AEROtex® - PES (Polyester) | Ultramarine Blue (RAL 5002) | | | | | 6 HT01-RBL1-B |
| (i diyudtoi) | ■ Black | | | | | 6 HT01-RBL1-BLK |

FEROcase® - RBVM1C

Emergency bag in "Medium" made of red AEROtex® - PES (Polyester), including plastic insert with variable interior design.

Individual

- Integrated holder for oxygen cylinder 0.8 | 1 | 2 liters
- Variable divided plastic insert with 3 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 zippers



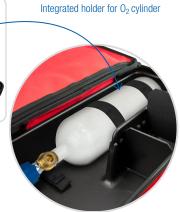


Hook and loop strip for patches





Variable divided plastic insert with partitions



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 | Item No. |
|----------------|-----------------------|-------------------------|--------------|--------------|--------------------|
| AEROtex® - PES | Signal Red (RAL 3001) | approx. 47 x 28 x 25 cm | approx. 2 kg | approx. 24 I | 1 HT01-RBVM1C |
| (Polyester) | 4-colour | approx. 24 x 13 x 10 cm | - | - | ② HT01-RBVM1-C-SET |





AEROcheck® - Finger Pulse Oximeter

The Spot-Check device enables a fast and reliable SpO₂ measurement with clinically proven measurement accuracy and performs particularly well due to high quality materials and processing plus a long operating time.

AEROcheck® - sat 801+ and AEROcheck® - sat 805 - Pulse Oximeters

With these two pulse oximeters you are well-equipped for long-term monitoring thanks to extensive data storage and 22 h Li-lon batteries. Provided with Masimo SET® Technology and suitable for numerous applications.

Masimo - Sensors, Patient and Adapter Cables

We offer you a wide range of different RD SET® - and LNCS® - Sensors, for single-patient-use as well as reusable sensors. Various patient and adapter cables as well as accessories are also at your disposal. Feel free to contact us!

Dual-Mode Infrared Thermometer

Our contactless thermometer is suitable for safe and hygienic measurement thanks to infrared technology. Within just 1 second, you can measure the body temperature in forehead, ear or object mode.

AEROcheck® - Fingertip Pulse Oximeter - P011-FCH 🧐 🔤 🕮







Handy finger pulse oximeter for measuring of partial oxygen saturation, high quality version, suitable for adults and children. Can be used everywhere, comfortable, quick and precise. Delivery including finger pulse oximeter, storage bag, carrying lanyard and batteries 1 - 4.

Exact

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

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

Durable

- · High quality materials and processing
- Finger case made of high quality silicone
- · Stable battery compartment with hinged cover

Fields of application

- Homecare
- Hospital
- · Medical practices
- · Other medical facilities









Robust spring mechanism







Further models are available upon request

| Ite | em No. | HPO11-FCH | | |
|------------------------|-------------------|--|--|--|
| | Technic | cal Data | | |
| Dimensions (L x W x H) | | 60 x 38 x 34 mm | | |
| Weight | | 60 g (including batteries) | | |
| Power supply | | 2 batteries, type 1.5 V AAA | | |
| Operating Time | | Approx. 30 hours | | |
| | Measurement range | 70 % ~ 99 % | | |
| SpO ₂ | Resolution | 1 % | | |
| | Accuracy | 70 % \sim 99 % \pm 3 % $$ I $$ 0 % \sim 69 % no definition | | |
| | Measurement range | 30 ~ 235 bpm | | |
| Pulse Rate | Resolution | 1 bpm | | |
| | Accuracy | 30 ~ 99 bpm ± 2 bpm 100 ~ 235 bpm ± 2 % | | |
| Alarm (optical) | | Battery-low indication | | |
| Auto. Power on | | After putting in the finger | | |
| Auto. Power off | | After 8 seconds without signal | | |

AEROcheck® - sat 801+ 🕸 🔤 📠



Light-weight and handy pulse oximeter for maximum mobility, with all important equipment features. Brilliant multicolour TFT display, integrated protective collar, with various connections.

Ideal for long-term monitoring and Spot-Check measurement in the fields of homecare, emergency medical service and hospital



AEROcheck® - sat 805 🕸 🛍



Pulse oximeter with exemplary ease of use and comprehensive equipment features. Large display with brilliant LCD display, multifunction rotary switch, large data memory and various interfaces.

Ideal for long-term monitoring in the fields of homecare, clinic and sleep lab



- With proven Masimo SET® Technology for reliable monitoring of oxygen saturation, even under most difficult operating conditions
- FastSAT® Fast Saturation Algorithm for rapid detection and display of abrupt SpO2 changes and Signal IQ® indicator for accurate assessment of signal quality during movement and low perfusion
- 22-hour Li-lon-Mn or Li-lon battery, display of SpO₂, pulse rate, perfusion index (PI), plethysmogram, Signal IQ®, alarms (optical and acoustic), alarm limits, battery capacity and remaining memory capacity

Scope of delivery



Transport bag



Power adapter Europe



Masimo RD SET® patient cable 1.52 m



3 x Masimo RD SET® - Sensors Neonates (< 3 kg oder > 40 kg)



Upon request, the systems are also available with LNCS® Technology and / or other sensors

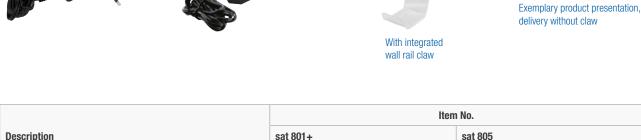
| | Model | | Item No. | | |
|-------------------------|---------------|---|--|--|--|
| Specificat | tions | HP002-801+ (sat801+) | HP002-805 (sat805) | | |
| Dimension | s (L x W x H) | 128 x 85 x 46 mm | 92 x 240 x 104 mm | | |
| Weight | | 230 g incl. battery 900 g incl. battery | | | |
| Power sup | ply | 100-240 V ~50 Hz / 5 V DC 1 A | 100-240 V ~50 / 60 Hz / 9.3 V DC +/-1 % / 1.29 A - 12 VA | | |
| Internal po | ower supply | Li-lon-Mn battery 2 x 3.6 V / 2 x 2250 mAh | Li-lon battery 7.2 V / at least 3600 mAh | | |
| Battery operating time | | 22 hours guaranteed | | | |
| | Display | 1 - 100 % | | | |
| CnO Accuracy | Accuracy | Without motion, 70 - 100 % | +/- 2 digits adults, children; +/- 3 digits newborns | | |
| SpO ₂ | Accuracy | With motion, 70 - 100 % | +/- 3 digits adults, children, newborns | | |
| | Resolution | 1 % | | | |
| | Display | | 25-240 1/min | | |
| Pulse | Accuracy | Without motion 25-240 1/min+/- 3 digits | With motion 25-240 1/min+/- 3 digits | | |
| Resolution | | 1 1/min | | | |
| Perfusion display range | | 0.02 - 20 % | | | |
| Alarms | | SpO ₂ , pulse, battery, sensor, system | | | |
| Memory | | Internal memory and optional microSD or SD card available | | | |

AEROcheck® - Bags | Power Supply | Brackets



Transport bags, Power adapters Europe, brackets and remote alarm cables for stationary use for AEROcheck® - sat 801+ or sat 805.





| | Item No. | |
|---|--------------------------|-----------------------------|
| Description | sat 801+ | sat 805 |
| Transport bag | 1 HP002-800/801-T | ② HP002-805-T |
| 5 m remote alarm cable with RJ-12 plug connection | - | 3 HP002-805-KAF |
| Power adapter Europe | 4 HP002-801-NTEU | 5 HP002-805/816-NTEU |
| Brackets with integrated wall rail claw | 1 HP002-800/801-H | ● HP002-805-H |

AEROcheck® - satView 🔮 🖴 🛍





Software for the efficient management and analysis of data for AEROcheck® - Pulse Oximeters sat 801+ and sat 805.

Intuitive user interface, fast data analysis, database functionality as well as easy reporting.

* Software version 1.1.9, without displaying ODE and ODI available for free

From software version 1.2.0 one-time license fee per computer / installation



| Technical specifications | | Item No. |
|-----------------------------|---|-------------------|
| Compatibility | Server 2008, Windows XP, Vista, 7, 8 and 10, Mac OS X (CrossOver) | |
| Display of the time courses | SpO₂, pulse, Signal IQ® | LIDOOO CW CATUIEW |
| Data analysis | Statistics, desaturations | HP002-SW-SATVIEW |
| Depictable events | Alarms, alarm suppressions, desaturations, individual markings | |

Masimo - Sensors, Patient and Adapter Cables 🤒 🝱 🐽



We provide you with an extensive range of RD SET® and LNCS® Sensors for single-patient-use as well as reusable sensors. Patient and adapter cables as well as various accessories are also available. Whether for use with our pulse oximeters or as individual products - we would be glad to advise you on our products!



Masimo RD SET® - Sensors 🔮 🖴 🛍

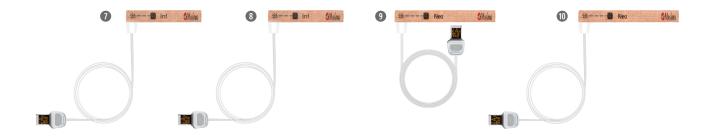


Single-patient-use

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 pieces ⑥).



| RD SET® - SpO ₂ Sensors | | | | | |
|------------------------------------|------------------|---|--------------|--------------------|--|
| Patient | Body weight | Monitoring site | Description | Item No. | |
| Adults | > 30 kg | Finger or too | RD SET Adt | HP015-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 HP015-INF | |
| Neonates | < 3 kg / > 40 kg | Hand or foot Finger or toe | RD SET Neo | 4 HP015-NE0 | |
| Neonates | < 1 kg | Hand or foot | RD SET NeoPt | ■ HP015-NE0PT | |
| Neonates, cyanotic | > 2.5 - 30 kg | Thumb or great toe | RD SET Blue® | 6 HP015-BLUE | |



| RD SET® - Cabled Sensors With extended cable | | | | |
|--|------------------|--|------------------------|-----------------|
| Patient | Body weight | Monitoring site | Description / Length | Item No. |
| Infanta | 2 20 kg | 3 - 10 kg, thumb or great toe 10 - 20 kg, finger or toe | RD SET Inf CS-2 / 2 ft | ● HP015-INF-CS2 |
| Infants 3 - 20 kg | 3 - 20 kg | | RD SET Inf CS-3 / 3 ft | 3 HP015-INF-CS3 |
| Negrates | < 1 kg | Hand or foot | RD SET Neo CS-2 / 2 ft | HP015-NE02 |
| Neonates | < 3 kg / > 40 kg | Hand or foot I Finger or toe | RD SET Neo CS-3 / 3 ft | ● HP015-NE03 |

Masimo RD SET® - Sensors 💇 🖴 🗈



Reusable sensors

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



| Patient | Body weight | Monitoring site | Description | Item No. |
|----------|-------------|---------------------------------|-------------------------------------|--------------|
| | Finger | RD SET DCI® / Digit Clip Sensor | HP015-DCI | |
| Adulto | > 30 kg | Middle or ring finger | RD SET DBI / Soft Sensor | ② HPO15-DBI |
| Adults | | Ear | RD SET TC-I / Tip-Clip Ear Sensor | 3 HP015-TCI |
| | | Forehead | RD SET TF-I / Transflective | 4 HP015-TFI |
| Children | 10 - 50 kg | Finger or toe | RD SET DCI-P / Digit Clip Sensor | 6 HPO15-DCIP |
| Neonates | > 1 kg | Div. applications | RD SET Y-I / Universally applicable | 6 HP015-YI |



Further RD SET® Sensors are available upon request

Masimo LNCS® - Sensors 💇 👺 🛍



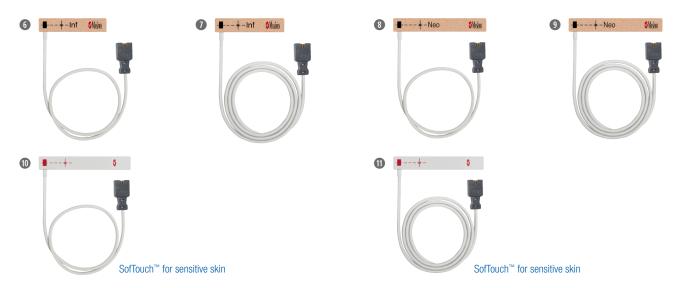


Single-patient-use

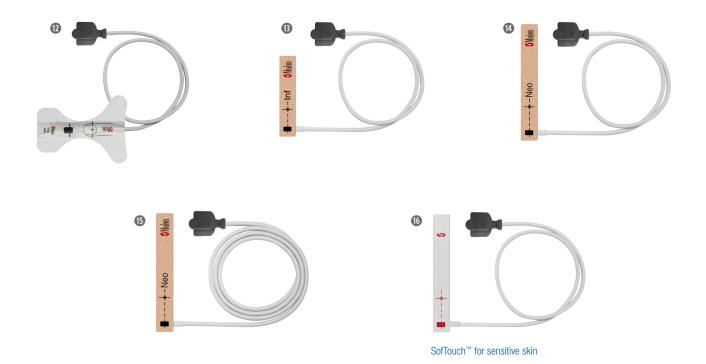
Low Noise Cabled Sensors (LNCS), featuring Masimo SET® Measure-through Motion and Low Perfusion™ Technology, with excellent SpO₂ performance. 'Fold-over Style' sensors, available in sizes for adults and children as well as 'Wrap-around-Style' sensors, available in sizes for adults, children, infants and neonates. 9-pin connector / DB9 connector for compatibility with LNC patient cables or M15 connector ② - ⑤. Non-sterile, does not contain natural rubber latex, each with 20 adhesive sensors.



| LNCS® - SpO ₂ Sensors | | | | |
|----------------------------------|------------------|------------------------------|------------------------------|----------------|
| Patient | Body weight | Monitoring site | Description / Length | Item No. |
| Adults | > 30 kg | Finger or toe | LNCS Adtx / 18 inch | HP014-ADTX |
| Children 10 - 50 kg | Finger or toe | LNCS Pdtx / 18 inch | ② HPO14-PDTX | |
| | | LNCS Pdtx-3 / 0.91 m (3 ft) | ● HP014-PDTX3 | |
| Nagadas | < 3 kg / > 40 kg | Hand or foot Finger or toe | LNCS Neo-L / 0.91 m (3 ft) | 4 HP014-NE0L |
| Neonates < 1 kg | < 1 kg | Hand or foot | LNCS NeoPt-L / 0.91 m (3 ft) | 5 HP014-NE0PTL |



| LNCS® - Sensors With replaceable wrap 9-pin connector | | | | |
|---|---------------------|------------------------------|------------------------------|-----------------------|
| Patient | Body weight | Monitoring site | Description / Length | Item No. |
| Infants | 3 - 20 kg | Thumb or great toe | LNCS Inf / 18 inch | 6 HP014-INF |
| | | | LNCS Inf-3 / 0.91 m (3 ft) | ● HP014-INF3 |
| Neonates | < 3 kg / > 40 kg | Hand or foot I Finger or toe | LNCS Neo / 18 inch | 1 HP014-NE0 |
| | | | LNCS Neo-3 / 0.91 m (3 ft) | 9 HP014-NE03 |
| | < 1 kg Hand or foot | Hand out at | LNCS NeoPt / 18 inch | |
| | | חמווע טו וטטנ | LNCS NeoPt-3 / 0.91 m (3 ft) | 1 HP014-NE0PT3 |



| M-LNCS® - Sensors With replaceable wrap M15 connector | | | | |
|---|------------------|------------------------------|----------------------|-----------------|
| Patient | Body weight | Monitoring site | Description | Item No. |
| Children | 10 - 50 kg | Finger or toe | M-LNCS-PDTX | ₱ HP014-M-PDTX |
| Infants | 3 - 20 kg | Thumb or great toe | M-LNCS Inf / 18 inch | ₱ HP014-M-INF |
| Neonates | . 2 km / . 40 km | Hand or foot Finger or toe | M-LNCS Neo | ♠ HP014-M-NE0 |
| | < 3 kg / > 40 kg | | M-LNCS Neo-3 | ₲ HP014-M-NE03 |
| | < 1 kg | Hand or foot | M-LNCS NeoPt | ₱ HP014-M-NE0PT |

Masimo LNCS® - Sensors 🥸 🔤 🛍



LNCS® - Specialty Sensors

Trauma and Newborn sensors with automatic consideration of the fastest SpO_2 and pulse rate readings at maximum sensitivity while supporting a fast application with a minimal adhesive attachment. Supplied with each 20 adhesive sensors ①, ③. Additional ear and forehead sensors for alternative monitoring sites, each with 10 adhesive sensors 2, 3.



SofTouch[™] for sensitive skin



10 pcs.



10 pcs.



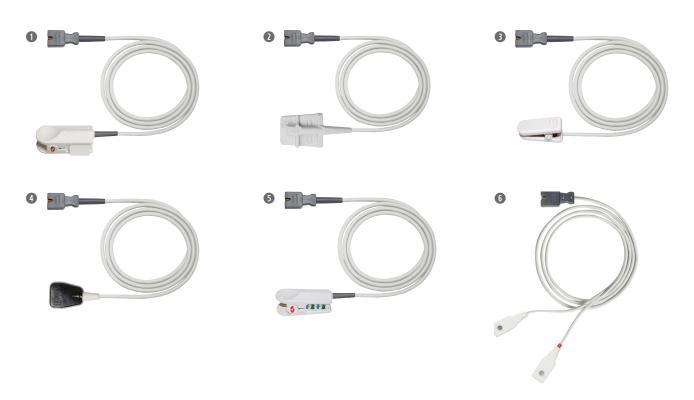
 $SofTouch^{\scriptscriptstyle\mathsf{TM}} \ for \ sensitive \ skin$

| Patient | Body weight | Monitoring site | Description | Item No. |
|----------------|-------------|--|-----------------------------|---------------------|
| 20 10 | | Finger | LNCS Trauma | 1 HP014-TRA |
| Adults > 30 kg | Ear | LNCS E1® / 0.91 m (3 ft) | ② HP014-E1 | |
| > 10 kg | | Forehead | LNCS TFA-1® / 0.91 m (3 ft) | 3 HP014-TFA1 |
| Infants | 3 - 30 kg | 3 - 10 kg, thumb or great toe 1 0 - 30 kg, finger or toe | LNCS-Newborn Inf/Pt | 4 HP014-NE0INF |

Masimo LNCS® - Sensors 🥸 🔤 🛍

Reusable sensors

Sensors for adults and children as well as universally applicable, for various monitoring 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. Connection to all Masimo SET® - Oximeters via LNC® - Patient Cable.



| LNCS® - Reusable Sensors With 9-pin connector | | | | |
|---|-------------|-----------------------|-----------------------------------|--------------|
| Patient | Body weight | Monitoring site | Description | Item No. |
| Adults | | Finger | LNCS DC-I® / Digit Clip Sensor | HP014-DCI |
| | . 20 km | Middle or ring finger | LNCS DB-I / Soft Sensor | ② HPO14-DBI |
| | > 30 kg | Ear | LNCS TC-I / Tip-Clip Ear Sensor | 3 HPO14-TCI |
| | | Forehead | LNCS TF-I / Transflective | 4 HP014-TFI |
| Children | 10 - 50 kg | Finger | LNCS DCI-P / Digit Clip Sensor | 6 HPO14-DCIP |
| Neonates | > 1 kg | Div. applications | LNCS-Y-I / Universally applicable | 6 HP014-YI |



| LNCS® - Reusable Sensors With M15 connector | | | | |
|---|-------------|-----------------------|---------------------------|----------------------|
| Patient | Body weight | Monitoring site | Description | Item No. |
| A -1 - 14 - | 20 kg | Finger | M-LNCS DC-I® | ● HP014-M-DCI |
| Adults > 30 kg | | Middle or ring finger | M-LNCS DB-I / Soft Sensor | 3 HP014-M-DBI |



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 | Item No. | |
| 1.52 m | RD SET MD14 - 05 / 14-pin, 5 ft | 1 HP015-K-PC05 | |
| 1.52 m | RD SET MD20 - 0.5 / 20-pin, 5 ft | ② HP015-R-K-PC05 | |
| 2.44 m | RD SET MD14 - 08 / 14-pin, 8 ft | 3 HP015-K-PC08 | |
| 3.66 m | RD SET MD14 - 12 / 14-pin, 12 ft | 4 HP015-K-PC12 | |



| LNC® - und M-LNC® - Patient Cables | | | |
|------------------------------------|--------------------------|-----------------------|--|
| Cable length | Description | Item No. | |
| 0.30 m | LNC-01 / 14-pin, 1 ft | ⑤ HP014-K-PC01 | |
| 1.22 m | LNC-04 / 14-pin, 4 ft | 6 HP014-K-PC04 | |
| 3.00 m | LNC-10 / 14-pin, 10 ft | | |
| 4.27 m | LNC-14 / 14-pin, 14 ft | 3 HP014-K-PC14 | |
| 4.27 m | M-LNC-14 / 14-pin, 14 ft | HP014-M-K-PC14 | |



| Red LNC® - Patient Cables | | | |
|---------------------------|----------------------------------|---------------------------|--|
| Cable length | Description | Item No. | |
| 0.30 m | Red LNC-01 / 20-pin, 1 ft | 1 HP014-R-K-PC01 | |
| 1.22 m | Red LNC-04 / 20-pin, 4 ft | 1 HP014-R-K-PC04 | |
| 3.00 m | Red LNC-10 / 20-pin, 10 ft | PHP014-R-K-PC10 | |
| 3.00 m | Red LNC M20-10 / M20 LNCS, 10 ft | 13 HP014-RM-K-PC10 | |



Masimo - Adapter Cables 🤒 🔤 📠

Adapter cabels to connect RD SET® or M-LNCS to LNC.







| Adapter Cables | | | | |
|----------------|------------------------|-------------------|--|--|
| Cable length | Description | Item No. | | |
| 0.46 m | RD SET to LNC / 1.5 ft | 1 HP014-P005-AD | | |
| 0.91 m | RD SET to LNC / 3 ft | ② HP014-P005-AD2 | | |
| 0.46 m | M-LNCS to LNC / 1.5 ft | 3 HP014-M-P014-AD | | |



Further adapter cables are available upon request

Masimo - Mountable Extension Cables 🛂 🔤 🗈



+ Accessories - Adapter and Extension Cables

For use with DCSC, DBI-dc3 Direct Connect Sensors, RD SET® - MD14, LNC and M-LNC Patient Cables as well as Masimo 14-to-20-pin Adapter Cables.



| Cable length | Description | Item No. |
|--------------|----------------------------------|-------------------|
| 4.80 m | PXC2-16 / Extension Cable, 16 ft | ● HP014-K-PCX2-16 |
| 9.10 m | PXC2-30 / Extension Cable, 30 ft | ② HP014-VK-PC30 |

Masimo - Sensors | Accessories and Spare Parts 💇 🔤 🛍

Replacement adhesive tapes available in different types as well as foam wrap **(6)**. Non-sterile, does not contain natural rubber latex.











| 6 | • | • | |
|---|---|---|--|
| | | | |

| Description | Item No. |
|--|----------------------|
| Adhesive tapes for RD SET Inf / Inf CS-2 / Inf CS-3 / RD SET Blue®, 102 pcs. | HP015-INF-PF |
| Adhesive tapes for RD SET Neo / Neo CS-2 / Neo CS-3, 102 pcs. | ② HP015-NE0-PF |
| Adhesive tapes for LNCS Inf / Inf-3, 102 pcs. | 3 HP014-INF-PF |
| Adhesive tapes for LNCS Neo / Neo-3, 102 pcs. | 4 HP014-NE0L-PF |
| Adhesive tapes for LNCS NeoPt / NeoPt-3 / Trauma, 10 pcs. | 5 HP014-NE0PT-PF |
| Wrap for YI Sensor, 12 pcs. | 6 HP002-KM-YI |



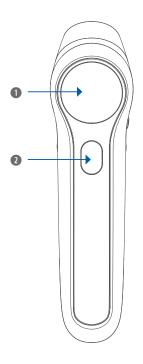


Infrared thermometer for the particularly fast and hygienic measurement of the body temperature. Suitable for contactless measurement within just 1 second, based on the infrared energy emitted by the eardrum or forehead. It can also be used for the temperature measurement of objects. Delivery including storage bag and batteries.

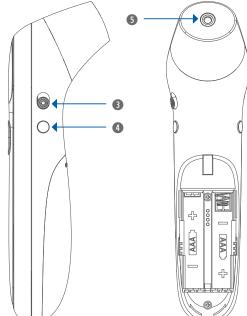
- · Safe and hygienic measurement thanks to infrared technology
- For multiple use:
 - Forehead mode
 - Ear mode
 - Object mode
- Contactless measurement of body temperature measuring distance of 1 - 3 cm for forehead and object use
- With magnetic protective cap for the measuring probe
- · Adult and child mode to ensure more accurate results
- . Temperature monitoring possible at all times thanks to muting
- · Fever warning by means of a red display
- · With battery-low indication



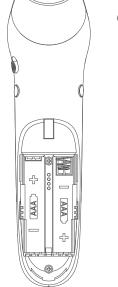
| I | tem No. | JMP-JPD-FR300 | | | |
|----------------------------|--------------------|-----------------------------|--|--|--|
| | Technical Data | | | | |
| Display | Туре | HD LCD Display | | | |
| | Forehead mode | 35 - 42.2 °C ± 0.2 % | | | |
| Measuring range & accuracy | Ear mode | 35 - 42 °C ± 0.2 % | | | |
| | Object mode | 0 - 100 °C ± 1.0 % | | | |
| | Display resolution | 0.1 °C | | | |
| Further performance data | Memory storage | 20 sets of measurement data | | | |
| | Auto. Power off | 10 s ± 1 s | | | |
| Power supply | Battery | 2 batteries, type 1.5 V AAA | | | |



- Display screen
- Power button / Measure button



- Unit switch button (°C / °F)
- Mode button



- Probe
- 6 Probe cover
- Memory button / Sound switch
- Battery cover

8





AEROpart® comprises high quality oxygen as well as breathing gases plus reliable accessories. The focus is here on application safety as well as patient comfort. Safe, easy and comfortable - for the desired therapeutic success!

Pressurised Gas Cylinders Oxygen | Compressed Air | Nitrous Oxide | Carbon Dioxide

We offer you filled pressurised gas cylinders or fillings with oxygen or carbon dioxide for medical purposes, oxygen for breathing at high altitude or for food purposes, as well as with medical air and nitrous oxide, for an ideal and patient-friendly care.

AEROpart® - Application Aids and Accessories

From oxygen cannulas and masks to safety tubings and tubing connectors, you will find the necessary accessories with us. High quality raw materials, maximum comfort and safety - all this means an optimal oxygen flow, even in difficult environments.

AEROpart® - Products for Humidification

Bubble humidifiers for single use and reusable models with different capacities complete our AEROpart® range accordingly. Additionally, you can also get sterile water bottles and systems in different versions from us.

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.

















Exemplary product representations

| | | | Охуд | gen for medica | al purposes - (| O ₂ med. | |
|-------------|--------|---------|------------|----------------|---------------------------|----------------------|------------------|
| | | | | | | | Item No. |
| Material | Volume | Content | Ø | Length | Weight | Bottle filled | Filling |
| | 0.31 | 60 I | 60 mm | 265 mm | 1.35 kg | HFL11-03 | HFL11-03-FÜLL |
| | 0.81 | 160 I | 83 mm | 310 mm | 2.10 kg | HFL11-08 | HFL11-08-FÜLL |
| | 1.0 | 200 I | 83 mm | 355 mm | 2.40 kg | HFL11-1 | HFL11-1-FÜLL |
| Steel | 2.0 | 400 I | 100 mm | 430 mm | 3.60 kg | HFL11-2 | HFL11-2-FÜLL |
| | 3.01 | 600 I | 100 mm | 580 mm | 4.80 kg | HFL11-3 | HFL11-3-FÜLL |
| | 5.0 | 1000 I | 140 mm | 530 mm | 10.05 kg | HFL11-5 | HFL11-5-FÜLL |
| | 10.0 | 2000 I | 140 mm | 915 mm | 15.90 kg | HFL11-10 | HFL11-10-FÜLL |
| Alumaimiuma | 2.0 | 400 I | 102 mm | 360 mm | 2.80 kg | HFL11-2-LA | HFL11-2-LA-FÜLL |
| Aluminium | 10.0 | 2000 I | 140 mm | 1045 mm | 13.00 kg | HFL11-10-LA | HFL11-10-LA-FÜLL |
| | | | Охуд | en for breathi | ng at high altit | ude - 0 ₂ | |
| | | | | | | Item No. | |
| Material | Volume | Content | Ø | Length | Weight | Bottle filled | Filling |
| | 0.81 | 160 I | 83 mm | 310 mm | 2.10 kg | HFL07-08 | HFL07-08-FÜLL |
| | 1.0 | 200 I | 83 mm | 355 mm | 2.40 kg | HFL07-1 | HFL07-1-FÜLL |
| Chaol | 2.0 | 400 I | 100 mm | 430 mm | 3.60 kg | HFL07-2 | HFL07-2-FÜLL |
| Steel | 3.01 | 600 I | 100 mm | 580 mm | 4.80 kg | HFL07-3 | HFL07-3-FÜLL |
| | 5.01 | 1000 I | 140 mm | 530 mm | 10.05 kg | HFL07-5 | HFL07-5-FÜLL |
| | 10.0 | 2000 I | 140 mm | 915 mm | 15.90 kg | HFL07-10 | HFL07-10-FÜLL |
| Aluminium | 2.01 | 400 I | 105 mm | 445 mm | 2.85 kg | HFL07-2-LA | HFL07-2-LA-FÜLL |
| | | | 0 x | ygen for food | purposes - O ₂ | E948 | |
| | | | | | | Item No. | |
| Material | Volume | Content | Ø | Length | Weight | Bottle filled | Filling |
| | 2.0 | 400 I | 100 mm | 430 mm | 3.60 kg | HFL18-2 | HFL18-2-FÜLL |
| Steel | 5.0 | 1000 I | 140 mm | 530 mm | 10.05 kg | HFL18-5 | HFL18-5-FÜLL |
| | 10.0 l | 2000 I | 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.



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



Exemplary product representations

| | | | | Compres | sed Air - AIR | | | |
|----------------------------------|--------|---------|--------|-----------------|---------------|-----------------------|-----------------|--|
| | | | | | | | Item No. | |
| Material | Volume | Content | Ø | Length | Weight | Bottle filled | Filling | |
| | 2.0 | 400 I | 100 mm | 430 mm | 3.60 kg | HFL04-2 | HFL04-2-FÜLL | |
| Steel | 3.0 | 600 I | 100 mm | 580 mm | 5.60 kg | HFL04-3 | HFL04-3-FÜLL | |
| Steel | 5.0 | 1000 I | 140 mm | 530 mm | 10.05 kg | HFL04-5 | HFL04-5-FÜLL | |
| | 10.0 l | 2000 I | 140 mm | 915 mm | 15.90 kg | HFL04-10 | HFL04-10-FÜLL | |
| Nitrous Oxide N ₂ O | | | | | | | | |
| | | | | | | Item No. | | |
| Material | Volume | Content | Ø | Length | Weight | Bottle filled | Filling | |
| Steel | 2.0 | 1.50 kg | 100 mm | 430 mm | 3.60 kg | HFL05-2 | HFL05-2-FÜLL | |
| Steel | 10.0 l | 7.50 kg | 140 mm | 915 mm | 15.90 kg | HFL05-10 | HFL05-10-FÜLL | |
| | | | Carbo | n Dioxide for r | nedical purpo | ses - CO ₂ | | |
| | | | | | | Item No. | | |
| Material | Volume | Content | Ø | Length | Weight | Bottle filled | Filling | |
| Charl | 10.0 | 7.50 kg | 140 mm | 915 mm | 18.00 kg | HFL16-10 | HFL16-10FÜLL | |
| Steel | 13.4 | 7.50 kg | 140 mm | 915 mm | 18.00 kg | HFL16-13.4 | HFL16-13.4-FÜLL | |

AEROpart® - Oxygen Cannulas 🔤 🥸 🛍

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

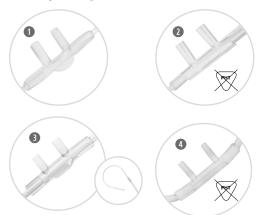
Different models according to:

- Patient group: Premature babies | Neonates | Babies | Infants | Children | Adults
- Nasal tips (cannulas): Straight 🔗 | Curved 🔗
- Models: "Standard" | "Low Flow" | "High Flow" | "Low-noise" | Especially for demand valves

NEW PRODUCT

ullet Tubing length: Safety tubings in different lengths ${\mathbb D}$ Different star lumens ${\mathbb C}$

Nasal tips straight, soft 🔗



| Oxygen cannulas with straight nasal tips, soft | | | | |
|--|----------|--------------------------------|----------------|--|
| Patient group | Tubing | Model | Item No. | |
| Adults | 0.33 m 🛟 | | 1 HSB11-S-0.33 | |
| | 2.00 m 🛟 | un to C I/min otomdoud | 1 HSB11-S | |
| | 5.00 m 🛟 | up to 6 l/min, standard | 1 HSB11-S5 | |
| Children | 2.00 m 🛟 | | 1 HSB11-S-K | |
| Infants | 2.00 m 🛟 | up to 3 l/min, standard | 1 HSB11-S-KK | |
| | 2.10 m 🔾 | up to 6 l/min, standard | 2 HSB01-S | |
| Adults | 1.50 m 🔾 | up to 6 I/min, with ear pieces | 3 HSB01-B | |
| | 2,00 m 🔾 | up to 6 I/min, standard | 4 HSB21-S | |

Nasal tips curved, soft

With ear pieces



| Oxygen cannulas with curved nasal tips, soft 🔗 | | | | | |
|--|----------|-------------------------|------------|--|--|
| Patient group | Tubing 🛟 | Model | Item No. | | |
| Adults | | up to 6 l/min, standard | HSB12-S | | |
| Children | 0.00 | | HSB12-S-K | | |
| Infants | 2.00 m | to 0.1/ | HSB12-S-KK | | |
| Neonates / Babies | | up to 3 l/min, standard | HSB12-S-NS | | |

Nasal tips curved, super soft



| Oxygen cannulas with curved nasal tips, supersoft 🔗 💢 | | | | | | |
|---|----------|--------------------------------|--------------|--|--|--|
| Patient group | Tubing 🔾 | Model | Item No. | | | |
| | 0.33 m | un to C I/min atomdord | HSB02-S-0.33 | | | |
| | 2.10 m | up to 6 I/min, standard | HSB02-S | | | |
| Adults | 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



| Oxygen cannulas with curved nasal tips, supersoft | | | | | | |
|---|----------|--------------------------------|--------------|--|--|--|
| Patient group | Tubing | Model | Item No. | | | |
| Adults | 1.20 m 🔾 | up to 6 l/min | HSB02-S-D1.2 | | | |
| | 2.10 m 🔾 | Specifically developed for use | HSB02-S-D | | | |
| Children | 2.10 m 🔾 | with demand valves | HSB02-S-K-D | | | |

Divided nasal tips for patient monitoring and oxygen application

Nasal tips curved, funnel-shaped





| Oxygen cannulas with curved nasal tips, funnel-shaped | | | | | |
|---|--------|-------------|--|--|--|
| Patient group | Tubing | Item No. | | | |
| | 0.10 | 1 HSB04-S-F | | | |
| Adults | 2.10 m | ② HSB03-S | | | |

Ear Wraps 🔤 🍄 🗈







+ Accessories - Oxygen Cannulas

Light grey ear wraps for oxygen cannulas, made of soft closed-cell foam. Reliable protection against chafing on the ears, for single-patient-use, non-sterilisable.





| Quantity | Item No. | |
|----------|-----------|--|
| 1 pair | HSB02-EZW | |

AEROpart® - Oxygen Masks 🖴 🥸 🛍



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

Different types:

- Without reservoir bag and without tubing 3
- Phthalate-free 4 5



2 m O₂ tubing



 $2 \text{ m } O_2 \text{ tubing}$ and reservoir bag







2.1 m O₂ tubing





| Patient group | Item No. | |
|---------------|---------------------|--|
| Adults | 1 HSM11-E | |
| | 2 HSM11-EB | |
| | 3 HSM11-E0S | |
| | ◆ HSM01-E ▼ | |
| | ⑤ HSM01-EB 💢 | |
| Children | 1 HSM11-K | |
| | ② HSM11-KB | |
| | 3 HSM11-KOS | |
| | ◆ HSM01-K ▼ | |

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 | Item No. |
|---------------|----------|
| Adults | HAI11-E |
| Children | HAI11-K |

AEROpart® - Oxygen Safety Tubings 🔤 🥸 🛍





Oxygen safety tubings made of transparent PVC, kink-resistant, different lengths, with different star lumens. 🔾 🕄 Also available as phthalate-free version.







Safety tubing with star lumen



| Length | Item No. |
|---------|------------|
| 0.33 m | HSS11-0.33 |
| 2.00 m | HSS11-2 |
| 2.10 m | - |
| 3.00 m | HSS11-3 |
| 7.50 m | HSS11-7.5 |
| 10.00 m | HSS11-10 |
| 15.00 m | HSS11-15 |







| Length | Item No. |
|---------|------------|
| 0.33 m | HSS01-0.33 |
| 2.00 m | - |
| 2.10 m | HSS01-2.1 |
| 3.00 m | - |
| 7.50 m | HSS01-7.5 |
| 10.00 m | HSS01-10 |
| 15.00 m | HSS01-15 |
| | |

AEROpart® - Barbed Hose Adapters 🔤 🥸 🛍

Rotatable or rigid barbed hose adapters, for 6 mm tubings.





| Model | Material | Туре | Item No. |
|----------------------------|----------------------------------|----------------------------|--------------|
| Barbed hose adapter | Polyoxymethylene (POM) | straight, rotatable, green | ● HSA02-6G |
| Angled barbed hose adapter | Polybutylene terephthalate (PBT) | 90°, rigid, white | ② HSA02-6-WA |

Firesafe[™] - Barbed Hose Adapter and Cannula Valve 🖴 🧐 🕮

Thermal protections with integrated one-way valve, interrupt the 0_2 flow if the downstream tubing ignites, for 6 mm tubings.





| Model | Туре | Item No. • HSA03-6-FS | |
|---------------------|----------------------------|------------------------|--|
| Barbed hose adapter | straight, rotatable, green | | |
| Cannula valve MKII | 90°, rigid, white | ② HSV03-6-FS | |

AEROpart® - Tubing Connectors 🖴 🥸 📠



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







| Model | Item No. |
|---------------------------------|--------------------|
| Straight, rigid, white | ● HSV01-6 |
| Straight, 360° rotatable, white | ● HSV01-6D |
| T-shape, rigid, white | ■ HSV01-6-T |

AEROpart® - Water Trap 🖴 🥸 🛍



Water trap for collecting condensation during oxygen therapy, transparent, with screw caps and connections on both sides for 6 mm tubings.



| Dimensions (W x H x L) | Item No. | |
|---------------------------|----------|--|
| approx. 29 x 29 x 188 mm* | HWF11 | |

AEROpart® - Bubble Humidifiers 🛂 🕮



Bubble humidifiers for use in oxygen therapy. Different capacities | Connection nut UNF 9/16" or G 3/8" For single use 1 - 3 or reusable 4, 5 | For "high flow" applications 3

Single Use









up to 3 I/min

up to 6 I/min

6 - 15 I/min "high flow"

up to 15 l/min

| Maximum volume | Total volume | Performance / Flow | Inlet connection | Safety valve | Item No. |
|----------------|-----------------------|--|--|--------------------|----------------------|
| 125 ml | - | up to 3 I/min | Connecton nut with internal thread UNF 9/16" | 207 mbar | 1 HAB01-916E |
| 250 ml | - | up to 6 I/min | | 410 mbar | ② HAB01-916 |
| 300 ml | 350 ml | up to 6 - 15 l/min (high flow) | | 410 mbar | 3 HAB01-916HF |
| | 250 ml up to 15 l/min | | Connecton nut with internal thread G 3/8" | - | 4 HAB02-38 |
| 160 ml | | Connecton nut with internal thread UNF 9/16" | - | 5 HAB02-916 | |

Spare Part for Reusable Bubble Humidifiers



Diffusor



| Item No. |
|-----------|
| HAB02-DIF |

AEROpart® - Sterile Water 🤒 🛍



Sterile water bottles 1000 ml, pyrogen-free. For humidification during ventilation ① | Inhalation ② Can also be used as a rinsing and cleaning fluid for surgical interventions, stoma care, for wounds, burns and much more.

• Fully collapsible container for a ventilation-free application. With suspension at the bottom of the bottle and two sterile injection sites for connecting an auto-feed system with injection thorn.



2 Container with screw cap for manual filling of bubble humidifiers



| Model | Content | Item No. |
|--|---------|-------------------|
| Container with 2 sterile injection sites, suspension at the bottom of the bottle | 1000 ml | ● HSTW03-1000FLDG |
| Container with screw cap | 1000 ml | ② HSTW03-1000FLD |

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 tubings.



| Description | Item No. |
|--------------|---------------------|
| AQUAPAK® 340 | ● HSTW01-340 |
| AQUAPAK® 650 | ② HSTW01-650 |
| AMSure® 350 | 3 HSTW03-350 |
| AMSure® 550 | ● HSTW03-550 |

AEROpart® - Holders for Bubble Humidifiers and Sterile Water Systems AEROpart® - Holders for Bubble Humidification







Holders made of transparent acryl glass for bubble humidifiers or sterile water systems. Consisting of basic box, exchangeable template cover and additional eyelets for suspension.













| Holders (basic box and template cover) | | | | | | |
|--|------------------|--|--|--|--|--|
| Suitable for | Item No. | | | | | |
| AEROpart® - Bubble Humidifier - AB1-916E | HSTW01-H-916E | | | | | |
| AEROpart® - Bubble Humidifier - AB1-916 | HSTW01-H-916 | | | | | |
| Sterile water systems Aquapak and AMSure® | HSTW01-H-GSU1 | | | | | |
| Single components | | | | | | |
| Description | Item No. | | | | | |
| Template cover for AEROpart® - Bubble Humidifier - AB1-916E | ● HSTW01-H-S916E | | | | | |
| Template cover for AEROpart® - Bubble Humidifier - AB1-916 | ② HSTW01-H-S916 | | | | | |
| Template cover for sterile water systems Aquapak and AMSure® | HSTW01-H-SGSU1 | | | | | |
| Basic box 13 x 13 x 8 cm (B x D x H) | 4 HSTW01-H-B0X | | | | | |



Pressure Reducers | Flow Regulators Flowmeters | Inhalation Systems



AEROway® enables the precise control of the gas supply using pressure reducers, flow regulators, flowmeters plus extensive accessories and is demand and valued equipment in the emergency medical service and in the hospital in oxygen supply. The solutions from Air Liquide Healthcare complete the assortment in terms of inhalation systems for the aerosol therapy.

AEROway® - Pressure Reducers, Flow Regulators and Flowmeters

Precision, good readability and reliability are characteristics that customers like to mention when it comes to these products. Versatile applications are given as well as the choice between models with continuous, gradual or fixed oxygen dosage. For use with oxygen and compressed air as well as available with colour-neutral labelling.

Air Liquide Healthcare - Inhalation Systems for Aerosol Therapy

Air Liquide Healthcare's powerful inhalation systems are suitable for treating the upper and lower respiratory tract and offer users in the areas of homecare, nursing homes and hospitals optimal solutions at the highest level of reliability. In Germany, these are exclusively available via HUM.

AEROway® - Fine-ZGA | Flowmeters 🔤 🛍



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

9 Flow continuously adjustable

Retaining plate for insertion in wall rail claw

- 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) I With colour-neutral labelling (O2) I 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









Versions with pressure tubing including wall rail claw HWS01-KLEK





Single Flowmeters

Item No.

| | | | | | | ILGIII NO. | | |
|-----|-----------|-----------|-----------|------------|------------|-----------------|---------------------|--|
| | | | | | Conr | nection | | |
| | | | 021 | flow | | Pressure tubing | | |
| | | 1.5 I/min | 5.0 l/min | 15.0 l/min | 30.0 l/min | ZGA plug | 1.5 m with ZGA plug | |
| | ъ | • | | | | HDM00-1.5F-ZGA | HDM00-1.5FS-ZGA | |
| 02 | Standard | | 0 | | | HDM00-5F-ZGA | HDM00-5FS-ZGA | |
| 0 | | | | 0 | | HDM00-15F-ZGA | HDM00-15FS-ZGA | |
| | 0 | | | | 0 | HDM00-30F-ZGA | HDM00-30FS-ZGA | |
| 02 | O Neutral | | | • | | HDM00N-15F-ZGA | HDM00N-15FS-ZGA | |
| | р | 0 | | | | HDM04-1.5F-ZGA | HDM04-1.5FS-ZGA | |
| AIR | Standard | | 0 | | | HDM04-5F-ZGA | HDM04-5FS-ZGA | |
| ₹ | | | | 0 | | HDM04-15F-ZGA | HDM04-15FS-ZGA | |
| | 0 | | | | 0 | HDM04-30F-ZGA | HDM04-30FS-ZGA | |
| | | | | | | | | |

Other tubing lengths available upon request

AEROway® - Fine-ZGA | Double Flowmeters -





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

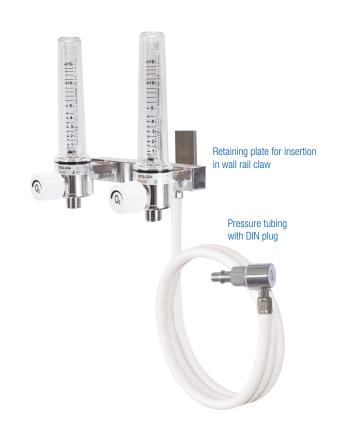
Different models

- Oxygen (O2) I With colour-neutral labelling (O2) I 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













Double Flowmeters

| | | | | | Conn | ection | |
|-----|-----------|-----------|-----------|------------|----------|---------------------|------------------|
| | | | 02 | flow | 70A ml | Pressure tubing | |
| | | 1.5 l/min | 5.0 l/min | 15.0 l/min | ZGA plug | 1.5 m with ZGA plug | |
| | p | 0 | | | | HDM00-1.5F2-ZGA | HDM00-1.5F2S-ZGA |
| | Standard | | 0 | | | HDM00-5F2-ZGA | HDM00-5F2S-ZGA |
| | | | | 0 | | HDM00-15F2-ZGA | HDM00-15F2S-ZGA |
| | 0 | | | | 0 | HDM00-30F2-ZGA | HDM00-30F2S-ZGA |
| 02 | 2 Neutral | | | • | | HDM00N-15F2-ZGA | - |
| | ъ | 0 | | | | HDM04-1.5F2-ZGA | HDM04-1.5F2S-ZGA |
| AIR | Standard | | 0 | | | HDM04-5F2-ZGA | HDM04-5F2S-ZGA |
| A | - | | | 0 | | HDM04-15F2-ZGA | HDM04-15F2S-ZGA |
| | 0 | | | | 0 | HDM04-30F2-ZGA | HDM04-30F2S-ZGA |





Other tubing lengths available upon request

AEROway® - Fine | Pressure Reducers | 1





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 - 02

| 110000101100000000000000000000000000000 | | | | | | | |
|---|-----------|--|--|--|--|--|--|
| O ₂ flow | Item No. | | | | | | |
| 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 | | | | | | |



O₂ - Colour-neutral labelling

Pressure Reducers - 0₂ | With colour-neutral labelling

| O ₂ flow | Item No. | | |
|---------------------|-----------|--|--|
| 15.0 l/min | HDM00N-15 | | |

AEROway® - Fast | Pressure Reducers | 🗘 🛍



9 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" (02) | 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) | With colour-neutral labelling (O2) | Compressed air (AIR)
- Additional outlets: Ventilation | Suction | DIN coupling 13260

For portable and mobile oxygen devices





High pressure hand connection

Barbed hose adapter 6 mm

Pressure Reducers - 02

| 0 ₂ flow Flow increments | Item No. |
|---|----------|
| 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 I/min 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 I/min | HDM01-5 |
| 15 I/min 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 I/min | HDM01-15 |
| 25 I/min 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 I/min | HDM01-25 |
| 50 I/min 0 - 5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 50 I/min | HDM01-50 |

Continuous flow also between 2 flow increments

Pressure Reducers with Additional Outlets









Outlet DIN coupling 4.5 bar | 120 l/min



Pressure Reducers - 0₂

| 0 ₂ flow Flow increments | Addition | Additional Outlets | | | | |
|--|--|--|-----------------------|--|--|--|
| 5 l/min 0 - 0.5 - 0.8 - 1- 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min | | DIN coupling 4.5 bar 150 l/min | | | | |
| | | DIN coupling 4.5 bar ∣ 150 l/min | | | | |
| | | Ventilation 15 I/min fixed | | | | |
| 15 l/min 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 l/min | | Suction injector adjustable open / closed | | | | |
| | Suction injector adjustable open / closed | DIN coupling 4.5 bar 120 l/min | 4 HDM01-15-PSV | | | |
| | Ventilation 15 l/min. fixed | DIN coupling 4.5 bar 120 l/min | ⑤ HDM01-15-PSB | | | |



O₂ - Colour-neutral labelling AIR - Standard

Pressure Reducers - 0₂ | With colour-neutral labelling

| 0 ₂ flow Flow increments | Inlet | Outlet | Item No. |
|--|--------|-----------------------|-------------------|
| 5 l/min 0 - 0.5 - 0.8 - 1- 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min | G 3/4" | UNF 9/16" and adapter | 6 HDM01N-5 |

Pressure Reducers - AIR

| O ₂ flow Flow increments | Inlet | Outlet | Item No. |
|--|--------|-----------------------|-------------------|
| 15 I/min 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 I/min | G 5/8" | UNF 9/16" and adapter | 6 HDM04-15 |

AEROway® - Fast | Pressure Reducers | 🖴 🙉





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

High pressure hand connection G 3/4"







Dial head with two displays (lateral and frontal)

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







Pressure Reducers | With right or left connection

| Additional outlets | O ₂ flow Flow increments | | | | 1 I/min I 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1.0 l/min 5 I/min I 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min 15 I/min I 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 l/min 25 I/min I 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 l/min | | | |
|--------------------|---------------------------------------|---------------------|----------|----------|--|------------------------|-----------------|--|
| dditi | | O ₂ flow | | | | Item No. | | |
| 0 | 1 I/min | 5 I/min | 15 l/min | 25 I/min | Additional outlets | Right connection | Left connection | |
| | 0 | | | | | ● HDM01-1-KR | ② HDM01-1-KL | |
| Without | | 0 | | | | ● HDM01-5-KR | ② HDM01-5-KL | |
| With | | | 0 | | | ● HDM01-15-KR | ② HDM01-15-KL | |
| | | | | 0 | | ● HDM01-25-KR | ② HDM01-25-KL | |
| y s | 0 | | | | | 3 HDM01-1-KRPS | HDM01-1-KLPS | |
| Outlets | | | 0 | | DIN coupling 4.5 bar 150 l/min | 3 HDM01-15-KRPS | HDM01-15-KLPS | |
| la 0 | | | | 0 | 1.0 541 100 1/11111 | 3 HDM01-25-KRPS | HDM01-25-KLPS | |
| Additional | | | 0 | | 2 x DIN coupling 4.5 bar 150 l/min | 4 HDM01-15-KRPS2 | HDM01-15-KLPS2 | |
| + | | | 0 | | G 3/8" 5.0 bar 110 l/min | 6 HDM01-15-KRSA | HDM01-15-KLSA | |

AEROway® - Fast-ZGA | Flow Regulators -



9 Flow gradually adjustable

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) I With colour-neutral labelling (O2) I 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



Versions with pressure tubing including wall rail claw HWS01-KLEK

Single Flow Regulators

0₂ I Flow increments

1 I/min I 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1.0 I/min **5 I/min I** 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 I/min **15 I/min I** 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 I/min **25 I/min I** 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 I/min **50 I/min I** 0 - 5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 50 I/min

| | | | 0 | Item No. | | | | | |
|-----|--|---|---|-------------------|---|---|---------------|-------------------------------------|--|
| | | | U | ₂ flow | | | 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 | |
| | | 0 | | | | | HDM01-1-ZGA | HDM01-1S-ZGA | |
| | lard | | 0 | | | | HDM01-5-ZGA | HDM01-5S-ZGA | |
| 02 | Standard | | | 0 | | | HDM01-15-ZGA | HDM01-15S-ZGA | |
| | • | | | | 0 | | HDM01-25-ZGA | HDM01-25S-ZGA | |
| | | | | | | 0 | HDM01-50-ZGA | HDM01-50S-ZGA | |
| 02 | 2 Neutral | | | • | | | HDM01N-15-ZGA | - | |
| | | 0 | | | | | HDM04-1-ZGA | HDM04-1S-ZGA | |
| | lard | | 0 | | | | HDM04-5-ZGA | HDM04-5S-ZGA | |
| AIR | Standard | | | 0 | | | HDM04-15-ZGA | HDM04-15S-ZGA | |
| | 0 | | | | 0 | | HDM04-25-ZGA | HDM04-25S-ZGA | |
| | | | | | | 0 | HDM04-50-ZGA | HDM04-50S-ZGA | |

Continuous flow also between 2 flow increments

1 0₂ - Standard



(lateral and frontal)

2 O₂ - Colour-neutral labelling AIR - Standard



AEROway® - Fast-ZGA | 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) I With colour-neutral labelling (O2) I 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

0₂ I Flow increments

1 I/min I 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1.0 I/min **5 l/min l** 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min **15 I/min I** 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 I/min **25 I/min I** 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 I/min **50 I/min I** 0 - 5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 50 I/min

| | 0 ₂ flow | | | | | | Item No. | | |
|---|---------------------|----------|---------|---------|----------|------------|----------|-----------------|--|
| | O ₂ HOW | | | | | Connection | | | |
| | | | 1 l/min | 5 I/min | 15 l/min | 25 I/min | 50 l/min | ZGA plug | Pressure tubing 1.5 m with ZGA plug |
| | | | 0 | | | | | HDM01-1X2-ZGA | HDM01-1X2S-ZGA |
| | | lard | | 0 | | | | HDM01-5X2-ZGA | HDM01-5X2S-ZGA |
| | 02 | Standard | | | 0 | | | HDM01-15X2-ZGA | HDM01-15X2S-ZGA |
| | | | | | | 0 | | HDM01-25X2-ZGA | HDM01-25X2S-ZGA |
| | | | | | | | 0 | HDM01-50X2-ZGA | HDM01-50X2S-ZGA |
| | 02 | Neutral | | | Ø | | | HDM01N-15X2-ZGA | - |
| | | Standard | 0 | | | | | HDM04-1X2-ZGA | HDM04-1X2S-ZGA |
| | | | | 0 | | | | HDM04-5X2-ZGA | HDM04-5X2S-ZGA |
| | AIR | | | | 0 | | | HDM04-15X2-ZGA | HDM04-15X2S-ZGA |
| ı | | 0 | | | | 0 | | HDM04-25X2-ZGA | HDM04-25X2S-ZGA |
| | | | | | | | Ø | HDM04-50X2-ZGA | HDM04-50X2S-ZGA |

Continuous flow also between 2 flow increments

1 0₂ - Standard







AEROway® - Fast® ZGA | Flow Regulators 🔤 🖴

Flow gradually adjustable

Flow regulators according to DIN EN ISO 10524-4, for connection to DIN couplings or wall boxes in rescue vehicles and hospitals, which compensate different pressures and pressure fluctuations in central gas systems in hospitals.

Unsurpassed in precision

- With integrated pressure reducer and 15 adjustable flow rates
- Precise and stable flow, even in case of pressure fluctuations
- Flow rate accuracy according to DIN EN ISO 10524-4
- Inlet pressure 2.8 to 8 bar | Outlet pressure max. 2.2 bar
- Connections: ZGA plug DIN 13260 | Outlet UNF 9/16"
- · With an extra large display of all flow rates
- Stable housing made of ABS (acrylonitrile butadiene styrene)
- · Ergonomic and practical design

Different models

- Oxygen (0₂) | With colour-neutral labelling (0₂) | 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







2 AIR - Standard





Versions with pressure tubing including wall rail claw HWS01-KLEK

Single Flow Regulators

| 0 ₂ flow Flow increments | | | 5 l/min 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0,7 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min 15 l/min 0 - 0.5 - 1 - 1.5 - 2 - 2.5 - 3 - 3.5 - 4 - 5 - 6 - 7 - 8 - 9 - 12 - 15 l/min | | |
|---------------------------------------|----------|---------------------|--|---|----------------|
| | | O ₂ flow | | Item No. Connection | |
| | | O ₂ How | | | |
| | | 5 I/min | 15 l/min | 15 I/min ZGA plug Pressure tu with ZGA pl | |
| 02 | Standard | 0 | | HDM01-5R-ZGA | HDM01-5RS-ZGA |
| 0 | O Sta | | Ø | HDM01-15R-ZGA | HDM01-15RS-ZGA |
| AIR | Standard | Ø | | HDM04-5R-ZGA | HDM04-5RS-ZGA |
| A | Sta | | Ø | HDM04-15R-ZGA | HDM04-15RS-ZGA |

AEROway® - Fast® ZGA | Double Flow Regulators | 🖴 🛍





Flow regulators according to DIN EN ISO 10524-4, for connection to DIN couplings or wall boxes in rescue vehicles and hospitals, which compensate different pressures and pressure fluctuations in central gas systems in hospitals.

Unsurpassed in precision

- With integrated pressure reducer and 15 adjustable flow rates
- Precise and stable flow, even in case of pressure fluctuations
- Flow rate accuracy according to DIN EN ISO 10524-4
- Inlet pressure 2.8 to 8 bar | Outlet pressure max. 2.2 bar
- Connections: ZGA plug DIN 13260 | Outlet UNF 9/16"
- With an extra large display of all flow rates
- Stable housing made of ABS (acrylonitrile butadiene styrene)
- Ergonomic and practical design

Different models

- Oxygen (0₂) | With colour-neutral labelling (0₂) | 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



including wall rail claw HWS01-KLEK







Double Flow Regulators

| 0 ₂ f | low | | | - 0.5 - 0.6 - 0,7 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 l/min 5 - 3 - 3.5 - 4 - 5 - 6 - 7 - 8 - 9 - 12 - 15 l/min | |
|------------------|----------|---------------------|----------|--|-------------------------------------|
| | | O ₂ flow | | Item No. Connection | |
| | | O ₂ now | | | |
| | | 5 I/min | 15 l/min | ZGA plug | Pressure tubing 1.5 m with ZGA plug |
| 02 | Standard | Ø | | HDM01-5RX2-ZGA | HDM01-5RX2S-ZGA |
| 0 | O Sta | | Ø | HDM01-15RX2-ZGA | HDM01-15RX2S-ZGA |
| AIR | Standard | Ø | | HDM04-5RX2-ZGA | HDM04-5RX2S-ZGA |
| Ā | Sta | | Ø | HDM04-15RX2-ZGA | HDM04-15RX2S-ZGA |

AEROway® - Fix I | 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

High pressure hand connection G 3/4"



UNF 9/16" Barbed hose adapter 6 mm

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

Pressure Reducers Fix I

| 0 ₂ flow | Item No. |
|---------------------|-------------|
| 2 l/min | HDM03-1.6/2 |
| 4 l/min | HDM03-4 |
| 5 l/min | HDM03-1.6/5 |
| 6 I/min | HDM03-6 |
| 8 I/min | HDM03-8 |
| 10 I/min | HDM03-10 |

AEROway® - Fix II | 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"
- $\bullet\,$ 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

For supplying medical devices



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

G 3/8"

Pressure Reducers Fix II

| Outlet DIN coupling |
|--|
| |
| |
| (250) |
| Parison De Constitution de la Co |
| Oricong No. |
| |
| G 3/8" |

| | | | Item | Item No. | |
|-----|---------------------|----------|--------------------------------|------------------|-----------------|
| | O ₂ flow | Pressure | Additional outlets | Right connection | Left connection |
| | 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 |
| 05 | 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 |
| | 160 l/min | 3.5 bar | - | HDM04-3.5 | HDM04-3.5-L |
| | 180 l/min | 4.5 bar | - | HDM04-4.5 | HDM04-4.5-L |
| В | 200 l/min | 5.0 bar | - | HDM04-5.0 | HDM04-5.0-L |
| AIR | 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 |

AEROway® - Spare Parts for Pressure Reducers 🥸 🖴 🛍





Sealings for high pressure connections, manometer protective caps, screw-on injector for AEROway® - Pressure Reducers.

| Description | Item No. |
|---|---------------|
| O-ring / sealing for connecting bolts, high pressure connection G 3/4" | 1 HDM01-0-D |
| Screw-on injector, venturi / suction with stopcock for Fast-V and Fast-PSV, E: M 10 x 1 | 2 HDM01-V |
| Manometer protective cap grey, Ø 40 mm, E: rear | ■ HDM01-MR-SK |
| Manometer protective cap grey, Ø 40 mm, E: below | 4 HDM01-MU-SK |









AEROway® - Maintenances 🧐 🖴 🖴





"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!

Maintenances for AEROway® - Pressure Reducers, Flow Regulators and Flowmeters.

| Device every 5 years | Item No. |
|---|----------------------|
| AEROway® - Fix II Pressure Reducers (O ₂) | HRP01-DM02-STK |
| AEROway® - Fix I Pressure Reducers (0 ₂) | HRP01-DM03-STK |
| AEROway® - Fix II Pressure Reducers (AIR) | HRP01-DM04-FIXII-STK |
| AEROway® - Fast Pressure Reducers (AIR) | HRP01-DM04-STK |
| AEROway® - Fast Flow Regulator (AIR) | HRP01-DM04-ZGA-STK |

| Device every 5 years | Item No. | |
|---|--------------------|--|
| AEROway® - Fine - Pressure Reducers (O ₂) | HRP01-DM00-STK | |
| AEROway® - Fine - Flowmeters (0 ₂) | HRP01-DM00-ZGA-STK | |
| AEROway® - Fast - Pressure Reducers (0 ₂) | HRP01-DM01-STK | |
| AEROway® - Fast - Flow Regulators (O ₂) | HRP01-DM01-ZGA-STK | |

AEROway® - Adapters 🤒 🖴 🛍





High quality adapters for connecting various components, such as bubble humidifiers, sterile water systems as well as distributors and pressure tubings. Available with different thread sizes, models from internal to external thread and external to external thread.













| Thre | ad (type) | Itom No |
|---------------|-------------|----------------|
| from internal | to external | Item No. |
| UNF 9/16" | M12x1.25 | HAD01-91612125 |
| M12x1.25 | G 3/8" | HAD01-1212538 |
| UNF 9/16" | G 3/8" | HAD01-91638 |
| M12x1.25 | UNF 9/16" | HAD01-12125916 |
| G 3/8" | UNF 9/16" | HAD01-38916 |
| G 1/4" | UNF 9/16" | HAD01-14916 |
| M18x1 | UNF 9/16" | HAD01-181916 |





Exemplary product presentations

| Thre | ad (type) | Idama Na | |
|---------------|-------------|---------------|--|
| from external | to external | Item No. | |
| M10x1 | UNF 9/16" | HAD02-101916 | |
| M32x1.5 | UNF 9/16" | HAD02-3215916 | |
| M34x1.5 | UNF 9/16" | HAD02-3415916 | |

AEROway® - Barbed Hose Adapters 🥸 🖴 🛍

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



| Time | Inlet t | Hom No. | |
|--------------------|-----------------|-----------------|---------------------|
| Туре | Internal thread | External thread | Item No. |
| | G 3/8" | | ● HSA01-6 |
| Straight- | UNF 9/16" | | ② HSA04-6 |
| rigid | | UNF 9/16" | 3 HSA04-6-A |
| | M12x1.25 | | 4 HSA05-6 |
| | G 3/8" | | 5 HSA01-6-B |
| Straight- | UNF 9/16" | | 6 HSA04-6-B |
| movable | | M12x1 | ● HSA06-6-BA |
| | | M14x1 | ■ HSA07-6-BA |
| Angled- movable | G 3/8" | | 9 HSA01-6-BW |

AEROway® - Blind Caps 🧐 🖴 🗈





Blind caps with sealing, chrome-plated $oldsymbol{0}$ or nickel-plated $oldsymbol{0}$.





| Internal thread | Item No. |
|-----------------|-------------------|
| G 3/8" | HSA01-BV |
| UNF 9/16" | ② HSA04-BV |

AEROway® - Couplings DIN 13260 E

Couplings DIN 13260 for O_2 and AIR. For ZGA plugs, inlet G 3/8", external thread with sealing. Sealing also separately available as a spare part.







| Gas type | Item No. |
|---|-----------------------|
| 02 | ● HVK02-02-F |
| AIR | HVK02-AIR-F |
| Sealing ring for DIN couplings with connection G 3/8" | 3 HDM01-AA0-38 |

AEROway® - Y-Couplings DIN 13260 🔤 🕮



Y-couplings DIN 13260 for O₂ and AIR. Inlet ZGA plug, 2 outlets DIN couplings for ZGA plugs.





| Gas type | Item No. |
|----------|---------------|
| 02 | ● HVK02-02-F2 |
| AIR | HVK02-AIR-F2 |

AEROway® - Plugs DIN 13260 🔤 🛅

ZGA plugs DIN 13260 for $\rm O_2$, AIR, VAC, $\rm N_2O$, $\rm 90^\circ$ angle, inlet ZGA plug, outlet for 6 mm tubings.













| Gas type | Item No. |
|---|-----------------------|
| 0_2 | ● HVK02-02-MW |
| O ₂ (colour-neutral labelling) | ● HVK02N-02-MW |
| 0 ₂ and AIR | 3 HVK02-02/AIR-MW |
| AIR | 4 HVK02-AIR-MW |
| VAC | 3 HVK02-VAC-MW |
| N_2O | 6 HVK02-N20-MW |

AEROway® - NIST Connection Pieces for Screw Threads 🔤 🛍





NIST connection pieces for O₂, AIR, VAC for NIST sealing coupling, straight, outlet for 6 mm tubings.









| Gasart | Artikelnummer |
|--------|---------------|
| 02 | ● HVK05-02-M |
| AIR | HVK05-AIR-M |
| VAC | HVK05-VAC-M |

Sealing Couplings and Plugs, Type "Walther"

Sealing couplings and plugs, type "Walther LP-004 and LP-006", suitable for e.g. connecting transportable oxygen units to on-board systems in rescue vehicles.







| Model | Connection | |
|---------------|------------------------|--------------------------------|
| Coupling | G 1/8" external thread | ● HVK01-K-418 |
| Coupling | G 3/8" internal thread | ② HVK01-K-438 |
| Plug straight | 6 mm tubing | 3 HVK01-N-4G Discontinued item |

AEROway® - T-Distributors

T-shaped connection pieces for connecting different oxygen systems, e.g. connecting several oxygen cylinders to an on-board system in a rescue vehicle.





| Opposite connections | Transverse connection | Item No. |
|---|--|------------------|
| 2 x G 3/8" external thread | Quick coupling Type Walther (LP004) | ● HVT01-38AA/VK1 |
| G 3/8" external thread G 3/8" internal thread | O ₂ coupling acc. DIN 13260 | ② HVT01-38IA/VK2 |

AEROway® - Distribution Bars | For Wall Mounting | 🔤 🛍



Distribution bars / outlet points for oxygen (02) or compressed air (AIR). Suitable for use in rescue vehicles to supply several medical devices via a gas source.

- Gradually adjustable flow: 0 1 2 3 4 5 6 8 12 15 l/min
- Connection UNF 9/16" or G 1/8" external thread
- Outlet coupling DIN 13260 and / or 0 - 15 I/min UNF 9/16" with barbed hose adapter 6 mm
- Dial head with lateral and frontal displays
- In frontal view, the adjusted and adjacent flows are visible







UNF 9/16" Barbed hose adapter 6 mm



Outlet



| No. Outlets | Connection | 15 I/min | DIN coupling | Item No. |
|-------------|-------------|----------|--------------|------------------------|
| | UNF 9/16" | 1 x | - | ● HVL01-15-SA |
| 1 | | - | 1 x | ② HVL01-PS-SA |
| | G 1/8" | - | | ② HVL01-PS-SA-KL |
| | 2 UNF 9/16" | 2 x | - | ❸ HVL01-15X2-SA |
| 2 | | - | 2 x | 4 HVL01-PS2-SA |
| | | 1 x | 1 x | 6 HVL01-15PS-SA |
| 4 | UNF 9/16" | 4 x | - | 6 HVL01-15X4-SA |

AEROway® - Distribution Bars | For Wall Mounting - With Rail Claw 🔤 🞰





Wall Rail Mounting

Distribution bars / outlet points for oxygen (02). Suitable for use in rescue vehicles to supply several medical devices via a gas source.

- Connection ZGA plug DIN 13260 with pressure tubing
- Outlet coupling DIN 13260







| No. Outlets | Tubing length | Item No. | |
|-------------|---------------|-----------------------|--|
| | 1.5 m | HVL01-PSS-ZGA | |
| 1x | 2.0 m | 1 HVL01-PSS/2000-ZGA | |
| | 3.0 m | ● HVL01-PSS/3000-ZGA | |
| 2x | 1.5 m | ② HVL01-PS2S-ZGA | |
| 0.4 | 1.5 m | 3 HVL01-PS3S-ZGA | |
| 3x | 5.0 m | 3 HVL01-PS3S/5000-ZGA | |

AEROway® - Distribution Bars | For Wall Mounting - With Rail Claw 🔼 🛍



Distribution bars / outlet points for compressed air (AIR). Suitable for use in rescue vehicles to supply several medical devices via a gas source.

- Connection ZGA plug DIN 13260 with pressure tubing
- Outlet coupling DIN 13260





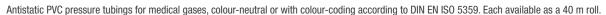


| No. Outlets | Tubing length | Item No. | |
|-------------|---------------|------------------|--|
| 1x | | HVL04-PSS-ZGA | |
| 2x | 1.5 m | ② HVL04-PS2S-ZGA | |
| 3x | | 3 HVL04-PS3S-ZGA | |





AEROway® - Pressure Tubings 🔤 🛍



Different thread types











| Pressure Tubings | | | |
|--|-----------|---------------------|--|
| Gas type Colour | ID / OD | Item No. | |
| 0 ₂ White | 6 / 12 mm | ① HDS02-6/12 | |
| AIR Black-White | 6 / 12 mm | ② HDS03-6/12 | |
| Neutral Black (O ₂ AIR N ₂ O VAC) | 6 / 12 mm | 3 HDS04-6/12 | |
| N ₂ O Blue | 6 / 12 mm | 4 HDS05-6/12 | |

Vac | Yellow

Air Liquide Soffio Cube Inhalation Device 🛂 🖦



Lightweight, compact and modern compressor inhalation device for aerosol therapy of the lower respiratory tract, ideal for the whole family. Thanks to the user-friendly operating concept and the small dimensions, an easy and efficient therapy is made possible.

Optimised performance

- High nebulizer performance (0.35 ml/min)
- Small particle size (MMAD 2.94 µm)
- Drip-proof according to IP21
- Extensive scope of supply for various application routes
- Replacement accessories available as a year pack

User-friendly product design

- · Good design for a secure stand
- · User-friendly operating concept and small dimensions
- · With storage bag for the complete scope of supply





On / off switch drip-proof acc. IP21



Comfortable handle for all hand sizes



Integrated bracket for the nebulizer

Accessories and Spare Parts 😢 🗈



| Description | |
|---|---------------|
| Air Liquide - Soffio Cube Inhalation Device Scope of supply consisting of 1 - 2, plus storage bag 3 | |
| Air Liquide - Soffio Cube Year Pack Consisting of 1 x nebulizer, 1 x mouthpiece, 1 x nosepiece, 1 x adapter, 1 x air hose 1 m, 6 x air filters, 1 x adult mask, 1 x child mask, 2 x rubber straps for masks | ② HIG11-SC-YP |



High quality compressor inhalation device for aerosol therapy of the lower respiratory tract, which is specially designed to meet the needs of healthcare facilities and is suitable for users who are looking for technical excellence and highest reliability in one device. With powerful compressor and nebulizer for short treatment

Focus on therapeutic success

- High nebulizer performance (0.3 ml/min)
- Small particle size (MMAD 1.9 µm) in order to reach deep lung regions as well
- · Generous scope of supply as well as further accessories available for individual needs

Form supports function

- · User-friendly product design with storage compartment for all accessories with a small device footprint
- · Very secure stand and integrated carrying handle for good handling
- · Easy cleaning and wipe disinfection thanks to smooth surfaces





Carrying handle integrated into the housing

Storage compartment for all accessories

















| Description | Item No. |
|---|---------------------|
| Air Liquide - Nebula Compressor Inhalation Device Scope of supply consisting of ① - ⑤, plus Perfecta mouth and nose mask for children and babies as well as additional filter | • HIG11-N |
| Air Liquide - Nebula spacer nebulizer set for adults (nebulizer, adapter and mouth mask) | 2 HIG11-N-VS |
| Air Liquide - Nebula mouthpiece | 3 HIG11-N-MS |
| Air Liquide - Nebula 1.5 m air hose | 4 HIG11-N-S1.5 |
| Air Liquide - Nebula air filters (2 pcs) | 5 HIG11-N-F2 |
| Air Liquide - Nebula Perfecta nebulizer set for infants and babies | 6 HIG11-N-VP |
| Air Liquide - Nebula nebulizer and mouthpiece | HIG11-N-VMS |
| Air Liquide - Nebula PVC adult mask, with rubber strap | 8 HIG11-N-M-E |
| Air Liquide - Nebula PVC child mask, with rubber strap | 9 HIG11-N-M-K |

^{*}According to the manufacturer's guarantee conditions

🔾 Air Liquide Rinowash - Nebulizer Nasal Shower 🧐 🖴



Micronising nasal shower for connection to a compressed air inhalation device such as Soffio Cube or Nebula, for physiological and therapeutic rinsing of the nasal cavities as well as the treatment of upper respiratory tract diseases. Produces fine aerosol particles that ensure the therapy-appropriate deposition of saline and physiological solutions as well as medications in the upper respiratory tract.

Benefits

- Nebulizes 5 ml of solution in just 2 minutes
- Fine particle size (MMAD 18 μm)
- · Ideal for treating rhinitis, rhinosinusitis, nasal polyps, adenoiditis and otitis media
- · Can be used from a very early age, no contraindications

Easy to use

- · Ergonomic design with soft silicone tip and optimally positioned nebulization button
- Compatible with most pneumatic nebulizer compressors
- Convenient Rinowash inhalation solution available as an accessory

Usage

- · Commissioning with compressed air inhalation device such as Soffio Cube or Nebula
- · Connection via the air hose to the inhalation device
- · Activation of nebulization as required by pressing the nebulization button when the compressor is switched on
- · Further information according to the respective instructions for use





Officulation Rinowash | Scope of Supply, Accessories and Spare Parts 🕸 🛍

Scope of supply: Consisting of ready-to-use nebulizer nasal shower, which can be put into operation immediately according to the information in the instructions for use. 0

Accessories: Rinowash solution, 10 ampoules of 10 ml. Hypertonic saline solution, ideal for rinsing the nasal cavities. The osmotic effect of the Rinowash saline solution, in conjunction with the nebulizer nasal douche, ensures significantly improved patency of the nasal cavities and / or a oedema reduction.

Spare parts: In order to ensure a long lifetime even with intensive Rinowash use, we offer a year pack consisting of an outer chamber, nebulizer and sealing ring.









| Description | Item No. |
|--|---------------|
| AIR Liquide - Rinowash nebulizer nasal douche | 1 HIG11-RW |
| AIR Liquide - Rinowash inhalation solution, 10 ampoules of 10 ml, hypertonic saline solution | 2 HIG11-RW-L |
| AIR Liquide - Rinowash Year Pack, consisting of outer chamber, nebulizer and sealing ring | 3 HIG11-RW-YP |

AEROtreat®



AEROtreat® offers you a variety of configuration possibilities for the individual compilation of portable oxygen devices as well as mobile oxygen standing devices. Let us know what application you need – we are glad to compose a therapy proposal for you, based on our various single components!

AEROtreat® - Components | For Portable Oxygen Devices

With our components for portable oxygen devices, you stay independent and mobile and the easy operation gives you the security you need. Choose from products for short-term dosable oxygen inhalation with carrying bag or carrying device.

AEROtreat® - Components I For Mobile Oxygen Devices I Inhalation, Suction and Ventilation

Our configuration possibilities offer you highest flexibility for your applications to patients at home, in nursing and old people's homes as well as medical practices and in the hospital. You have the choice between components for pure oxygen inhalation or additional option of secretion suction or ventilation. Do you need help with the compilation? Of course, we are there for you!

AEROtreat® - Components for Oxygen Treatment | Portable - With Bag <equation-block> 🔤 📠



Single components for the individual composition of portable oxygen devices for mobile use and for short-term oxygen application. Possible configuration with different AEROway® - Fast or AEROway® - Fix I Pressure Reducers as well as oxygen cylinders.

Example configuration for your individual product solution*

- AEROtreat® Carrying Bag, with shoulder and back straps, made of polyester, black •
- AEROpart® Oxygen Mask, with 2 m O2 tubing 2
- AEROway® Fast Pressure Reducer 1 I/min | 1 5 I/min | 1 15 I/min, gradually adjustable or AEROway® - Fix I Pressure Reducer 4 I/min I 6 I/min I 8 I/m I 10 I/min, with fixed flow 3
- Oxygen cylinder made of steel or aluminum 4

Short-term adjustable oxygen inhalation I For Therapy and Emergencies









HFL11-2 | 2-LA | 08





Exemplary presentation portable configuration*

Single components for the individual composition of mobile oxygen standing devices and armatures **②** - **⑤**. Possible configuration with different AEROway® - Fast or AEROway® - Fine Pressure Reducers.

Example configuration for your individual product solution*

- AEROtreat® Gas Cylinder Trolley
- AEROpart® Oxygen Mask, with 2 m 0₂ tubing ②
- AEROpart® Oxygen Cannula, straight, clear 3
- AEROpart® Bubble Humidifier, for single use 4
- AEROway® Fast Pressure Reducer 1 I/min I 5 I/min I 15 I/min, gradually adjustable or AEROway® - Fine Pressure reducer 15 I/min, continuously adjustable
- Oxygen cylinder 10 I 6
- Cylinder jacket, 3-parted **1**

For mobile oxygen standing devices I For Inhalation



AEROtreat® - Components for Oxygen Treatment Mobile - Inhalation, Suction and Ventilation

Single components for the individual composition of mobile oxygen standing devices for nursing care and in emergency. For inhalation as well as for dosable suction and ventilation.

Example configuration for your individual product solution*

- AEROtreat® Gas Cylinder Trolley 1
- AEROtreat® Standard Rail, curved and Wall rail claw ② ③
- AEROpart® Oxygen Mask, with 2 m O2 tubing and reservoir bag 4
- AEROpart® Bubble Humidifier, reusable **5**
- AEROway® Fast 15-PSB Pressure Reducer 15 I/min, with fixed outlet and DIN coupling 4.5 bar I 120 I/min 6

- AEROsuc® Suction Injector, continuously dosable up to 800 mbar 1
- AEROsuc® Suction Container 1000 ml
- AERObag® Manual Resuscitator Silicone, Resuscitation Mask sz. 5 ⑤, 2m O₂ tubing and reservoir bag
- Oxygen cylinder 10 I
- Cylinder jacket, 3-parted @

For mobile oxygen standing devices I For Inhalation, Suction and Ventilation



*Order and delivery not possible as a set, only as single components. Suction container without tubing set.



We also deliver further accessories for the oxygen supply, suction and ventilation upon request - more about this in the chapters AEROpart®, AEROsuc® and AERObag®!

Exemplary presentation mobile configuration Inhalation, Suction* I With AEROway® - Fast 15-V



Alternative configuration



Suction fixed adjustable open / closed

HDM01-15-V

Fast 15-V, additional outlet suction injector

AEROtreat® - Components for Oxygen Treatment | With Carrying Device | Image: AEROtreat® - Components for Oxygen Treatment | With Carrying Device | Image: AEROtreat® - Components for Oxygen Treatment | With Carrying Device | Image: AEROTREATMENT | Image

Single components for the individual composition of portable oxygen devices with carrying device. Possible configuration with AEROway® - Pressure Reducers and 2 liter oxygen cylinder.

Example configuration for your individual product solution*

- AEROtreat® Carrying Device for 2 I oxygen cylinders, with claw for standard rail or hospital bed
- AEROpart® Oxygen Mask, with 2 m O₂ tubing and reservoir bag
- AEROway® Fast 15-PS Pressure Reducer, 0 15 I/min (HDM01-15-PS), separate outlet DIN coupling 13260
- Oxygen cylinder 2 I

For applications with carrying device I Inhalation



Exemplary presentation configuration with carrying device*

AEROtreat® - Components for Oxygen Treatment | With double carrying device 🔤 🛍

Single components for the individual composition of portable oxygen devices with double carrying device. Possible configuration with AEROway® - Pressure Reducers and 2 liter oxygen cylinder.

Example configuration for your individual product solution*

- AEROtreat® Carrying Device for 2 I oxygen cylinders, with claw for standard rail or hospital bed plus additional rail for e.g. suction container with bracket
- AEROpart® Oxygen Mask, with 2 m O₂ tubing and reservoir bag
- AEROway® Fast Pressure Reducer 15 I/min (HDM01-15-V), additional outlet screw-on injector, suction adjustable open / closed
- AEROsuc® Suction Container 1000 ml
- Wall rail clamp HWS01-KLEK, with insertion for wall bracket
- Oxygen cylinder 2 I

For applications with carrying device I Inhalation and Suction



AEROtreat® - Carrying Devices 🔤 🗈

Carrying devices for 2 liter oxygen cylinders, with claw for attachment to a standard rail or a hospital bed. Both as a version just for holding an oxygen bottle as well as with an additional rail for DIN claws for holding the device, for e.g. suction container with bracket.





Dimensions (W x H x D): $400 \times 495 \times 150 \text{ mm}$

| Description | Item No. |
|--------------------|-----------|
| AEROtreat® - TP 12 | ● HTP01-2 |

| Description | Item No. |
|---------------------|------------|
| AEROtreat® - TP 22S | ② HTP02-2S |

AEROtreat® - Carrying Bags and Transport Caddy 🥸 🛍





Carrying bags with shoulder and back strap and transport caddy with height-adjustable handle and smooth-running wheels, for portable oxygen devices.



| Material | Colour | Dimensions (W x H x D) | Weight | Item No. |
|-----------|--------|---|----------------|------------|
| Polyester | Black | approx. 48 x 22 x 11 cm | approx. 0.9 kg | ● HT01 |
| Nylon | Black | approx. 25 x 50 x 13 cm | approx. 1.6 kg | ② HT02-0BH |
| Metal | White | approx. 32 x 80 x 32 cm, height-adjustable up to 100 cm | approx. 4.0 kg | 3 HC01 |

AEROtreat® - Gas Cylinder Trolley | Cylinder Jacket | Standard Rail | 🛂 📠





Gas cylinder trolley for mobile oxygen standing devices, cylinder jacket and standard rail.



| Description | Item No. |
|--|------------|
| Gas cylinder trolley with steel standpipe plus base made of cast aluminum, powder-coated, with 5 steerable wheels, Ø 50mm. Safe transport fixation via stable holding tray and prism with safety belt, for 10 I oxygen cylinders | 1 HFG01 |
| Cylinder jacket for 10 liter 0 ₂ cylinders, white, with cover and recess for cylinder valve or pressure reducer | ② HFM01 |
| Standard rail, curved, made of stainless steel and steel clamp, powder-coated. For attaching accessories to the gas cylinder trolley, e.g. suction container | 3 HFG01-GS |



Suction Devices Manual | Pneumatic | Electric



AEROsuc® is suitable for applications in the areas of homecare, emergency medical services. We supply you various solutions with a wide range of accessories for everything to do with medical suction.

AEROsuc® - Manual Suction Devices

The manual suction devices are designed for mobile emergency use. Choose between hand and foot operation, depending on the application and the user's wishes.

AEROsuc® - Pneumatic Suction Devices

Our solutions for pneumatic suction are operated with vacuum, compressed air or oxygen and are available in various versions. We provide vacuum regulators with different vacuum ranges, different housing colours, analogue or digital manometer and with direct ZGA plug or pressure tubing with ZGA plug. The range also includes suction injectors, a large number of different suction containers and lids as well as various accessories. Please do not hesitate to contact us for your individual product solution!

AEROsuc® - Electrical Suction Devices

The two electrically operated suction devices AEROsuc® - EASY Home 1 and 2 are suitable for medical suction in homecare environments or in the hospital. Powerful, smooth-running, hygienically safe and easy as well as intuitively to use.

AEROsuc® - Rescue - Manual Suction Pump

Manua

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 \bullet incl. suction container 300 ml with overflow protection \bullet , adapter for suction catheters \bullet as well as PVC suction tubings, Size S and L \bullet \bullet

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



| Dimensions (H x W x D) | Weight | Item No. |
|------------------------|--------|----------|
| 180 x 220 x 80 mm | 275 g | HAG01-HP |

AEROsuc® - Rescue - Manual Suction Pump | Accessories and Spare Parts |

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



| Description | Material | Item No. |
|---|--------------------------|----------------|
| Suction container 300 ml | Polypropylene (PP) | ② HAG01-HP-AG |
| Adapter for suction catheters with funnel connector | ABS747 | ■ HAG01-HP-AAK |
| PVC suction tubing, size S | Polyvinyl chloride (PVC) | 4 HAG01-HP-ASS |
| PVC suction tubing, size L | Polyvinyl chloride (PVC) | |

VacUp - Foot Suction Pump

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

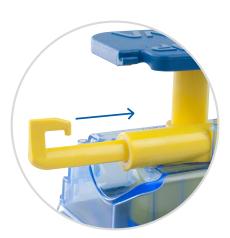
Also suitable for manual operation





1. Pedal lock For space-saving storage





2. Venting device

Reducing the pressure or venting through complete insertion



Slot for additional collection container

| Dimensions (L x W x D) | Weight | Item No. |
|------------------------|--------|----------|
| 180 x 130 x 110 mm | 850 g | HAG01-FP |

AEROsuc® - Components for Suction Devices | Portable and Mobile - Pneumatic | 1



Single components for the individual composition of portable or mobile suction devices. Possible configuration with different vacuum regulators or suction injectors.

Example configuration for your individual product solution*

Portable

- Double bracket and suction containers 1000 ml or 2000 ml, made of polysulfone
- Vacuum regulator / suction injector, with 1.5 m pressure tubing and ZGA plug as well as overflow container with bacterial filter
- · Lid with pressure or screw cap and integrated overflow protection

Mobile

- Trolley, chrome-plated, with insertions for 2 suction containers and double bracket for quivers
- . Double bracket and quiver 500 mm long, made of polycarbonate, for suction catheters
- · Suction containers 1000 ml or 2000 ml, made of polysulfone
- Vacuum regulator / suction injector, with 1.5 m pressure tubing and ZGA plug as well as overflow container with bacterial filter
- · Lid with pressure or screw cap and integrated overflow protection

Different vacuum regulators

- Vacuum range: 0 250 mbar | 0 600 mbar | 0 1000 mbar
- · Housing: grey or yellow | Manometer: analogue | digital (upon request)
- Connection: 1.5 m pressure tubing with ZGA plug DIN 13260
- · With overflow container and bacterial filter

Suction injectors

- Suction performance up to 800 mbar
- Housing: grey or yellow | Manometer: analogue | digital (upon request)

Exemplary presentation portable configuration with vacuum regulator 1 or suction injector* 2





Exemplary presentation mobile configuration with vacuum regulator*



*Order and delivery not possible as a set, only as single components. Suction containers without tubing set.

AEROsuc® - Vacuum Regulators 📠



Vacuum regulators according to DIN EN ISO 10079-3, for medical or surgical suction, for the connection to DIN couplings or wall boxes / vacuum lines in hospitals (ZGA).

- Max. flow 110 l/min (pump with flow 160 l/min)
- Freely rotatable control valve at the stop no blocking possible
- Easy click closure for easy attachment and detachment of the overflow container
- · Connecting nozzle made of metal, built directly into the regulator body
- With shatter-proof overflow container made of polycarbonate and bacterial filter on the front (effectiveness 99.97 %, particle size 0.3 μm)

Different models

- Vacuum range: 0 250 mbar | 0 600 mbar | 0 1000 mbar
- Manometers: analogue or digital | Housing: grey or yellow
- Direct connection DIN plug 13260 | 1.5 m pressure tubing with ZGA plug and bracket for wall rail claw*







Manometer analogue or digital



*Versions with pressure tubing including wall rail claw HWS01-KLEK









| Vacuum regulator | | Item No. | | | |
|------------------|-----------------|------------------|---------------------|---------------------|--|
| analogue | 1 ZG | A plug | 2 1.5 m pressure to | ubing with ZGA plug | |
| Vakuum range | Grey | Yellow | Grey | Yellow | |
| 0 - 250 mbar | HAG02-C2RV-ZGA | HAG02-C2YRV-ZGA | HAG02-C2RVS-ZGA | HAG02-C2YRVS-ZGA | |
| 0 - 600 mbar | HAG02-C6RV-ZGA | HAG02-C6YRV-ZGA | HAG02-C6RVS-ZGA | HAG02-C6YRVS-ZGA | |
| 0 - 1000 mbar | HAG02-C10RV-ZGA | HAG02-C10YRV-ZGA | HAG02-C10RVS-ZGA | HAG02-C10YRVS-ZGA | |

| Vacuum regulator | Item No. | | | |
|------------------|-------------------|-------------------|---------------------------------------|--------------------|
| digital | ③ ZGA plug | | 4 1.5 m pressure tubing with ZGA plug | |
| Vakuum range | Grey | Yellow | Grey | Yellow |
| 0 - 250 mbar | HAG02-CD2RV-ZGA | HAG02-CD2YRV-ZGA | HAG02-CD2RVS-ZGA | HAG02-CD2YRVS-ZGA |
| 0 - 600 mbar | HAG02-CD6RV-ZGA | HAG02-CD6YRV-ZGA | HAG02-CD6RVS-ZGA | HAG02-CD6YRVS-ZGA |
| 0 - 1000 mbar | HAG02-CD10RV-ZGA | HAG02-CD10YRV-ZGA | HAG02-CD10RVS-ZGA | HAG02-CD10YRVS-ZGA |

AEROsuc® - Suction Injectors

Suction injectors according to DIN EN ISO 10079-3, for the suction of liquids and secretions, with ZGA plug (AIR / O_2) for the connection to DIN couplings or wall boxes / compressed air or oxygen lines in hospitals (ZGA).

- Max. vacuum 800 mbar (± 50 mbar), flow rate 40 l/min, limited gas consumption 60 l/min at 800 mbar
- High performance silencer guarantees quiet operation
- Extremely robust body made of anodised aluminum and with shatter-proof overflow container made of polycarbonate

Different models

- With overflow container and filter | With separate connecting nozzle
- Manometer: analogue or digital | Housing: grey or yellow
- Direct connection DIN plug 13260 | 1.5 m pressure tubing with ZGA plug and bracket for wall rail claw*



*Versions with pressure tubing including wall rail claw HWS01-KLEK





| Suction injector analogue | Item No. | |
|--|-----------------|-------------------------------------|
| Outlet | ZGA plug | 1.5 m pressure tubing with ZGA plug |
| Overflow container and filter with connecting nozzle | HAG02-IRV-ZGA | HAG02-IRVS-ZGA |
| Barbed hose adapter | ② HAG02-ISA-ZGA | 6 HAG02-ISAS-ZGA |

| Suction injector digital | Item No. | | |
|--|------------------|-------------------------------------|--|
| Outlet | ZGA plug | 1.5 m pressure tubing with ZGA plug | |
| Overflow container and filter with connecting nozzle | 3 HAG02-IDRV-ZGA | HAG02-IDRVS-ZGA | |
| Barbed hose adapter | 4 HAG02-IDSA-ZGA | HAG02-IDSAS-ZGA | |

AEROsuc® - Vacuum Regulators and Suction Injectors | Spare Parts |

(1) Spare Parts

Overflow containers, bacterial filters, silencer, analogue and digital manometers and ZGA plugs.



| Description | Item No. |
|--|---|
| Reservoir / overflow container 100 ml, autoclavable up to 134 °C, suitable for AEROsuc® - Vacuum Regulators and Suction Injectors | 1 HAG02-RV100SC |
| Reservoir / overflow container 150 ml, autoclavable up to 134 °C, suitable for AEROsuc® - Suction Injector versions with barbed hose adapter | ② HAG02-RV150SI |
| Bacterial filter for overflow container HAG02-RV100SC | 3 HAF03-M50/100 |
| Bacterial filter - suction filter membrane for overflow container HAG02-RV150SI | 4 HAF03-M50 |
| Wall rail claw, with insertion for bracket | 5 HWS01-KLEK |
| Silencer for AEROsuc® - Suction Injectors | 6 HAG02-I-SD |
| Analogue manometer for AEROsuc® - Suction Injectors | ● HAG02-VGA-SI |
| Digital manometer for AEROsuc® - Suction Injectors | 8 HAG02-VGD-SI |
| Analogue manometer for AEROsuc® - Vacuum Regulator, 250 mbar, housing grey | 9 HAG02-VGA-250G-VR |
| Analogue manometer for AEROsuc® - Vacuum Regulator, 600 mbar, housing grey | 9 HAG02-VGA-600G-VR |
| Analogue manometer for AEROsuc® - Vacuum Regulator, 1000 mbar, housing grey | 9 HAG02-VGA-1000G-VR |
| Analogue manometer for AEROsuc® - Vacuum Regulator, 250 mbar, housing yellow | M HAG02-VGA-250Y-VR |
| Analogue manometer for AEROsuc® - Vacuum Regulator, 600 mbar, housing yellow | MAG02-VGA-600Y-VR |
| Analogue manometer for AEROsuc® - Vacuum Regulator, 1000 mbar, housing yellow | MAG02-VGA-1000Y-VR |
| Digital manometer for AEROsuc® - Vacuum Regulator, 250 mbar, housing grey | ❶ HAG02-VGD-250G-VR |
| Digital manometer for AEROsuc® - Vacuum Regulator, 600 mbar, housing grey | 1 HAG02-VGD-600G-VR |
| Digital manometer for AEROsuc® - Vacuum Regulator, 1000 mbar, housing grey | 1 HAG02-VGD-1000G-VR |
| Digital manometer for AEROsuc® - Vacuum Regulator, 250 mbar, housing yellow | 1 HAG02-VGD-250Y VR |
| Digital manometer for AEROsuc® - Vacuum Regulator, 600 mbar, housing yellow | 12 HAG02-VGD-600Y-VR |
| Digital manometer for AEROsuc® - Vacuum Regulator, 1000 mbar, housing yellow | ② HAG02-VGD-1000Y-VR |
| ZGA plug / Combo plug AIR / O ₂ for AEROsuc® - Suction Injectors | 1 HAG02-02/AIR-SI |
| ZGA plug for AEROsuc® - Vacuum Regulators | ₱ HAG02-VAC-VR ■ HAG02-V |
| "High Vacuum Grease" for AEROsuc® - Vacuum Regulators | HAG02-HVG-VR |

AEROsuc® - Suction Containers | Containers and Lids



+ Accessories - Pneumatic Suction Devices

Reusable suction containers for pneumatic suction devices, according to DIN EN ISO 10079-3.

Different models

- 1000ml | 2000ml | 4000ml
- \bullet Made of polysulfone (autoclavable at 134 °C) $\,$ $\,$ Made of polycarbonate (autoclavable at 121 °C)

All lids with integrated overflow protection

- Screw cap (metal) | Pressure cap (polypropylene, silicone)
- With integrated bracket for wall rail claw (1000 ml | 2000 ml), separately available at 4000 ml (HWS01-KLEK)























| Containers complete | Container | | With lid (screw cap) | With lid (pressure cap) | |
|---------------------|--|---------|-------------------------|--------------------------|---------------------------|
| with lid | Material | Volume | Metal | Polypropylene | Silicone |
| | | 1000 ml | ● HAG02-1000KD-PSF | ② HAG02-1000KP-PSF | 3 HAG02-1000KS-PSF |
| Item No. | Polysulfone 2000 ml 4000 ml Polycarbonate 2000 ml 4000 ml | 2000 ml | 4 HAG02-2000D-PSF | 5 HAG02-2000P-PSF | 6 HAG02-2000S-PSF |
| | | 4000 ml | - | 10 HAG02-4000P-PSF | - |
| | | 2000 ml | ● HAG02-2000D-PC | 3 HAG02-2000P-PC | 9 HAG02-2000S-PC |
| | | - | 1 HAG02-4000P-PC | - | |

Containers

| Material | Volume | Item No. |
|---------------|---------|-------------------|
| | 1000 ml | HAG02-1000K-G-PSF |
| Polysulfone | 2000 ml | HAG02-2000-G-PSF |
| | 4000 ml | HAG02-4000-G-PSF |
| Dalvaanhanaka | 2000 ml | HAG02-2000-G-PC |
| Polycarbonate | 4000 ml | HAG02-4000-G-PC |





Silicone





(1) Spare Parts - Suction Containers



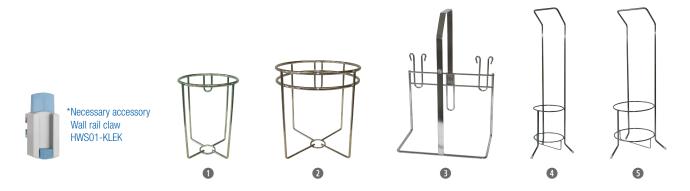
2000 ml

| Lid | Screw cap | Pressure cap | | Suitable for suction containers |
|----------|-------------------|-------------------|-------------------|---------------------------------|
| LIU | 1 Metal | Polypropylene | Silicone | Suitable for Suction Containers |
| Itam No | HAG02-2000-DD-PSF | HAG02-2000-DP-PSF | HAG02-2000-DS-PSF | 1000 ml 2000 ml |
| Item No. | - | HAG02-4000-DP | - | 4000 ml |

AEROsuc® - Brackets for Suction Containers



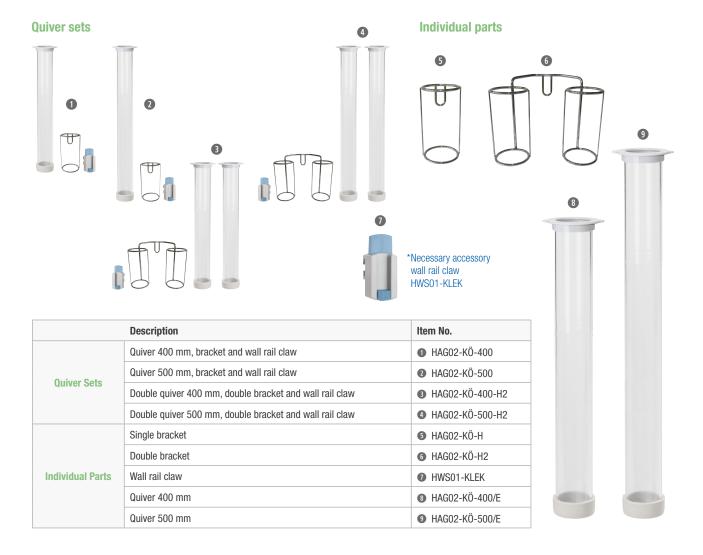
Single, double or standing brackets for suction containers, chrome-plated.



| Description | Item No. |
|--|------------------------|
| Bracket for 2000 ml suction container, with integrated bracket for wall rail claw* | ● HAG02-2000-H |
| Bracket for 4000 ml suction container, with integrated bracket for wall rail claw* | 2 HAG02-4000-H |
| Double bracket for 1000 ml and 2000 ml suction containers, with integrated bracket for wall rail claw* | 3 HAG02-2000-H2 |
| Standing bracket for 2000 ml suction container | 4 HAG02-2000-HS |
| Standing bracket for 4000 ml suction container | 5 HAG02-4000-HS |

AEROsuc® - Quiver Sets and Individual Parts 📠

Quiver sets with polycarbonate quivers, length 400 mm or 500 mm, wall rail claw and chrome-plated single or double brackets with integrated bracket for wall rail claw and items that can be ordered individually, for storing suction catheters.



AEROsuc® - Suction Catheters 🔮 🖴 🛍





- Suction catheters made of latex-free PVC, with soft medical tube quality (70 ± 2 Shore A). Length approx. 50 cm, 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

| Charriere (CH) | Colour | | Item No. |
|----------------|--------|-------------|-------------|
| 6 | | Light Green | HAK11-50-06 |
| 8 | | Blue | HAK11-50-08 |
| 10 | | Black | HAK11-50-10 |
| 12 | | White | HAK11-50-12 |
| 14 | | Dark Green | HAK11-50-14 |
| 16 | | Orange | HAK11-50-16 |
| 18 | | Red | HAK11-50-18 |

AEROsuc® - Suction Connection Tubing 🔮 🖴 🛍



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



Item No. HAS02-25-200-TK/FT



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

AEROsuc® - Suction Interrupter 🥸 🔤 🛍



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







| Description | Item No. |
|---|-------------|
| Fingertip suction interrupter with finger recess and sealing plug | 1 HAU11-FT |
| Suction interrupter with dosing tip and hook for rail systems | 2 HAU01-DTS |
| Suction interrupter with finger recess and hook for rail systems | 3 HAU01-FMS |

AEROsuc® - EASY Home 🧐 🛍

Electrically operated suction pumps for use in the areas of homecare and other healthcare facilities. For removal of secretions and fluids from the airways as well as infection material from wounds.

Powerful and smooth running

- Max. vacuum 0.7 bar (530 mmHg)
- High flow rate: > 20 l/min
- Low-noise level: 55 dB +/- 5%
- . Approx. 50 min continuous battery operation

More mobility for the user

- · Available as a mains version or with an integrated rechargeable battery
- Lightweights (2.4 or 2.6 kg)
- · Convenient transport with handle or in the storage bag



AEROsuc® - EASY Home 1

Mains Version



AEROsuc® - EASY Home 2

Battery Version

Clear control panel

All control elements are combined in the control panel

- Toggle switch for easy on and off
- · Manometer display in bar and mmHg
- Stepless vacuum regulation
- Battery status indicator (with battery version)



Control panel EASY Home 2



Dual hygiene concept

- 1. Suction container with overflow protection
- 1000 ml capacity
- Level scale (100 ml division)
- · Closable opening in the lid for fast emptying and sampling
- Lockable patient connection
- Easy cleaning
- · Reusable, for single-patient-use

2. Suction filter

· Protection against contamination

| | Item | 1 No. | | |
|--|----------------------------------|---|--|--|
| Specifications | HAG03-HC1 (EASY Home 1) | HAG03-HC2 (EASY Home 2) | | |
| Scope of supply | Consisting of suction pum | p and accessories 1 - 9 | | |
| Dimensions (W x H x D) | 36.4 x 21.3 | 3 x 17.5 cm | | |
| Weight (incl. adapter cable) | 2.40 kg | 2.60 kg | | |
| Power cable (adapter) | Input: 100-240 volt ~ 50-60 Hz., | 1,1 A; Output: 12 volts === 4.0 A | | |
| Input DC connection | 12 Volt 4.0 A | | | |
| Internal power supply | - | Lithium-ion battery: 11,1 V / 4400 mAh | | |
| Battery charging time | - | 8 hours | | |
| Battery life (after 8 hours charging) | - | approx. 50 min (at max. suction power) | | |
| Max. vacuum | 0,7 bar (5 | 30 mmHg) | | |
| Min. vacuum | ≤ 0,16 bar (≤ 125 mmHg) | | | |
| Max. suction power (free flow) | > 20 l/min | | | |
| Noise level | 55 dB +/- 5% (from 1 m distance) | | | |
| Operating life | ≥ 2 y | ≥ 2 years | | |



| Description | Item No. |
|---|-----------------------------|
| Suction container with overflow protection, 1000 ml, lid made of PP, container made of PC | ● HAG03-HC-AG1 |
| Suction connection tubing 1.80 m with funnel connectors | 2 HAG03-HC-AS1 |
| Fingertip suction interrupter, with finger recess and sealing plug | 3 HAU11-FT |
| Bacterial / suction filter | 4 HAG03-HC-AF |
| Silicone connecting tubings, ID 8 mm / OD 14 mm, 0.15 m, 2 pieces | 5 HAS01-8/14-150-SET |
| Device / air filters, 6 pieces (spare) I 5 pieces (accessory) | 6 HAG03-HC-GF/6 |
| Power connection cable | ● HAGO3-HC-NSEU |
| Power adapter EU | 3 HAG03-HC-NTEU |
| Transport bag, black | 9 HAG03-HC-T |
| Car adapter 12V | 10 HAGO3-HC-AA |
| Filter cap for device / air filter | ❶ HAG03-HC-GF-K |





AEROvent® is our wide range of medical filters of highest quality with an excellent price-performance ratio. The protection of patient, user and device is of prime importance here.

AEROvent® - Device Protection Filters for Suction Devices | Oxygen Concentrators | nCPAP Devices Home Ventilation Devices

We offer you different device protection filters, specially developed for the respective requirements of the application in ventilation, aerosol and oxygen therapy, spirometry and suction. Whether filters, foam or fine filter mats, felt discs, silencers and more - our assortment offers you a wide variety of solutions.

AEROvent® - Bacterial and Viral Filters | Ventilation Filters

Our program includes electrostatic bacterial and viral filters, also with HME function, as well as mechanical bacterial and viral filters with folded hydrophobic membrane. The filters offer reliable protection against contamination, combined with gentle breathing gas conditioning. "Long-Life" or "Slimline" filters complete our product range accordingly.

AEROvent® - Device Protection Filters | Suction Devices | 4 has been deviced | 4 has been dev

Bacterial and viral filters for suction devices, reliable protection against contaminated air and penetration of liquids into the device interior.

- Hydrophobic PTFE membrane
- High performance
- · Combined or conical connections

- Suitable for "high flow" applications
- Individually packed

Filtration efficiency: Bacteria | Viruses 99.9999%











| Max. Flow | Housing Ø | Connections both sides | Item No. |
|-----------|-----------|------------------------|--------------|
| - | 55 mm | - | 1 HAF01-M55 |
| 30 l/min | 65 mm | 5 - 9.8 mm, combined | 2 HAF01-K |
| 40 l/min | 65 mm | 11 mm, conical | 3 HAF02-K |
| 60 l/min | 90 mm | 11 mm, conical | 4 HAF02-K-HF |

AEROvent® - Device Protection Filter | Ventilators and Ultrasonic Nebulizers 🛂 🐽

Electrostatic, bi-directional bacterial and viral filter for contamination protection of ventilators and ultrasonic nebulizers.

- Transparent housing made of styrene butadiene copolymer (SBC)
- ISO connections
- · Individually packed

Min. Filtration efficiency at 30 l/min: Bacteria 99.99% | Viruses 99.9%



| Resistance I M | ax. | Internal volume | ISO connections | Weight | Item No. |
|--|-----|-----------------|-----------------|--------------|------------|
| 0.6259 mbar at 30 1.3805 mbar at 60 | ., | 87 ml | 22F - 22M | approx. 23 g | HBF01-BFMG |

AEROvent® - Device Protection Filter | Spirometers 🛂 🎰



• Integral mouthpiece

to avoid cross contamination.

- Housing made of polypropylene homopolymer (PP-H)
- Individually packed

Filtration efficiency: Bacteria 99.99999% | Viruses 99.998%



| Resistance Ø I Max. | Internal volume | Connections machine side | Weight | Item No. |
|--|-----------------|--------------------------|--------------|-----------|
| 0.25 mbar 0.29 mbar at 30 l/min 0.51 mbar 0.59 mbar at 60 l/min | 80 ml | 34 mm AD, 29.25 mm ID | approx. 37 g | HSF01-SGM |

AEROvent® - Device Protection Filters | Oxygen Concentrators (HEPA Filters)

Mechanical intake filters / HEPA filters (High Efficiency Particulate Air Filters) for almost all common oxygen concentrators.

- High or outstanding flow capacity
- Low resistance

- High effectiveness against particles
- · Individually packed











Filtration efficiency: Bacteria | Viruses 99.99+ %







| Resistance | Connections | Item No. |
|--------------------------------|--------------------|---------------------|
| 1.40 mbar at 30 l/min I Ø | 22M - 22F (ISO) | HGF01-INTAKE |
| < 0.32 mbar at 10 l/min | 22M - 22F (ISO) | HGF11-INTAKE |
| < 9.90 mbar at 47 l/min | 22M (ISO) | HGF02-INTAKE |
| Approx. 1.314 mbar at 10 l/min | 22M OD - 3/8" FNPT | 4 HGF12-INTAKE-I |
| < 1.27 mbar at 10 l/min | 12.72 mm | ● HGF02-INTAKE-R-EF |

Device Protection Filters Pall | Oxygen Concentrators <equation-block>

Mechanical intake filters Pall BB25 and BB50, with folded hydrophobic membrane, transparent housing, individually packed.

Filtration efficiency: Bacteria $\,\,$ | Viruses 99.999+ $\,$ %





| | Conne | | |
|-------------------------------|--------------------|--------------------|------------|
| Resistance | Patient side | Machine side | Item No. |
| Approx. 3.43 mbar at 60 l/min | 15 mm ID, 22 mm OD | 15 mm OD, 22 mm ID | 1 HGF01-25 |
| Approx. 1.96 mbar at 60 l/min | 22 mm 0D | 22 mm ID | ② HGF01-50 |

AEROvent® - Final Bacteria Filters | Oxygen Concentrators

Final bacteria filter for almost all common oxygen concentrators, with conical connections, housing made of polypropylene, individually packed.

Filtration efficiency: Bacteria 99.999+ | Viruses 99.99+ %







| Connections both sides | Item No. |
|------------------------|------------|
| 3 - 6 mm | ● HBAF01-K |
| 4.76 - 6.35 mm | ● HBAF02-K |

AEROvent® - Bacterial and Viral Filters with HME | Ventilation Filters 🥸 🖴 🛍

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

- Hydrophobic / Hygroscopic
- · Optimal humidification and filtration performance

- With Luer-Lock port for CO₂ measurement
- For adults 1 and neonates 3 8 kg 2

Filtration efficiency: Bacteria 99.998 % | Viruses 99.976 %



Filtration efficiency: Bacteria | Viruses 99.999 %



| Tidal volume (VT) | Moisture output | Resistance | ISO connections | Internal volume | Weight | Item No. |
|-------------------|---|------------------------|-----------------------|-----------------|--------|--------------|
| 150 - 1500 ml | 31 mg H ₂ 0/l at VT 500 ml | 1.1 mbar at 30 l/min | 22M / 15F - 22F / 15M | 55 ml | 27 g | HBF02-HFLS |
| > 35 ml | 28.9 mg H ₂ 0/l at VT 250 ml | 0.83 mbar at 7.5 l/min | 15F - 15M / 8.5M | 11 ml | 11 g | ② HBF01-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. Translucent 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
- Independently tested, high efficiency filtration performance
- With or without Luer-Lock port for CO2 measurement



Filtration efficiency: Bacteria 99.99995 %~ l ~ Viruses 99.99985 %~



| Resistance Ø I Max. | Internal volume | Weight | Luer-Lock | Item No. |
|-----------------------------------|-----------------|--------------|-----------|------------|
| 0.775 mhay 1.00 mhay at 20 l/min | 201 | 0.000 | yes | HBF01-BFLS |
| 0.775 mbar 0.9 mbar at 30 l/min | 32 ml | approx. 25 g | no | HBF01-BFS |

AEROvent® - Fine and Foam Device Filters | Oxygen Concentrators 🛂 📠



Fine and foam filters for oxygen concentrators from various manufacturers, for the filtration of particles from the ambient air aspirated by the device.

Foam filters







Felt discs and Silencers







- * Silencer, plastic
 - ** Silencer, foam filter attachment

AEROvent® - Filter Overview | Oxygen Concentrators 💇 🛍

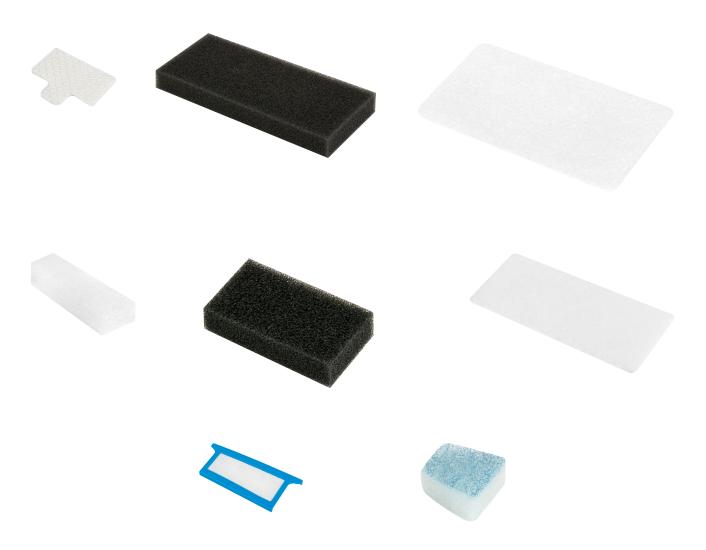


| | Item No. | | | | |
|---|-----------------------|-------------|-------------------------|-------------------|--------------------------|
| Manufacturer | Device | Foam filter | Felt disc / Silencer | Intake Filter | Final bacteria filter |
| Air Sep | NewLife Oxybox 6005 | HGF01-A | | - | HBAF01-K |
| | | | | HGF01-INTAKE | |
| | Compact 5 | HGF02-D | | HGF11-INTAKE | |
| DeVilbiss | | | | HGF02-INTAKE | HBAF01-K |
| | Compact 505, 515, 525 | HGF04-D | | HGF02-INTAKE | |
| | MC29, MC44 | - | | HGF01-INTAKE | |
| | Mobilaire 5 | | | HGF01-INTAKE | HBAF01-K |
| | SensO ₂ | - | | HGF02-INTAKE | IDAFUI-K |
| leve | Davida ata O | 110500 1 | - | HGF01-INTAKE | LIDATO4 I/ |
| Invacare | Perfecto2 | HGF03-I | | HGF02-INTAKE | HBAF01-K |
| | Platinum S | HGF02-I | | HGF01-INTAKE | HBAF01-K |
| | Platinum 9 | 1101 02-1 | | HGF02-INTAKE | TIDAL OT-K |
| Kröber | aeroplus 6 | - | HOEGA INTAKE | | HBAF01-K |
| Klobel | Kröber 02-4.0 | HGF02-K2 | | HGF01-INTAKE | IDAFUI-K |
| Medicap | Précise 6000 RC5 | - | | HGF01-25 | HBAF01-K |
| | Everflo | HGF01-R-EF | | HGF02-INTAKE-R-EF | HBAF01-K |
| Philips Respironics | NAILL - Street NAT | | HGF01-SD** | HGF01-INTAKE | HBAF01-K |
| | Millenium M5 | - | HGF01-SD-22M* | TIGI OTTIVIANE | IIDAI UI-K |
| Rhönmed | Précise 6000 RC5 | - | - | HGF01-25 | HBAF01-K |
| Löwenstein Medical Technology (Weinmann) | Oxymat 3 | - | HGF01-SD-22M | HGF01-INTAKE | - |

AEROvent® - Fine and Foam Device Filters | nCPAP and BiPAP / Bilevel Devices 🛂 🐽



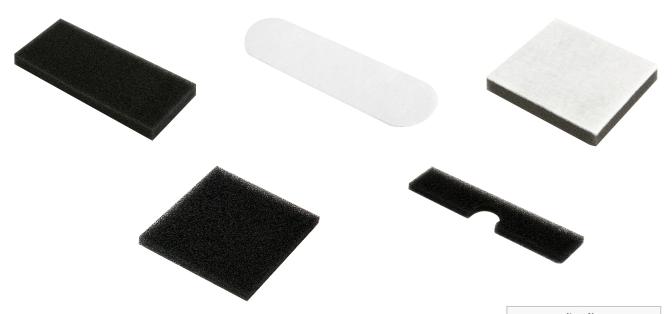
Fine and foam filters for nCPAP devices from various manufacturers, for the filtration of particles from the ambient air aspirated by the device.



| | | Ite | m No. |
|--------------------------|--|---------------|---------------|
| Manufacturer | Device | Fine filter | Foam filter |
| Breas | iSleep 10, 20, 20+, 20i, 22, 25 | HCF02-BR-FINE | HCF02-BR-F0AM |
| DeVilbiss | SleepCube Blue Series | HCFD02-FINE | HCFD02-F0AM |
| Fisher 0 Decided | HC230, HC600 | HCFF02-FINE | - |
| Fisher & Paykel | Icon | HCFF03-FINE | - |
| Löwenstein Medical | SOMNOcomfort SOMNOsoft+ SOMNOsmart 2 SOMNOvent SOMNOset | HCFW02-FINE | HCFW02-F0AM |
| Technology (Weinmann) | SOMNObalance SOMNOcomfort 2 SOMNOsoft 2 CPAP-20 | HCFW03-FINE | HCFW03-F0AM |
| | prisma Series | HCFW04-FINE | HCFW04-F0AM |
| ResMed | S8 | HCFS03-FINE | - |
| (MAP, Sullivan) | S9 AirSense 10 AirCurve 10 S10 | HCFS04-FINE | - |
| | BiPAP autoSV | - | HCFR06-F0AM |
| | M Series: REMstar Plus, Pro, Pro 2, Auto BiPAP Plus Phönix 2 Auto Somnia 2 | HCFR06-FINE | HCFR06-F0AM |
| Philips Respironics | REMstar Legacy Series: REMStar Lite, Pro, Pro2, Plus, Auto BiPAP Plus, Pro 2, Auto, auto SV Advanced Nova Phoenix Somnia Synchrony II Harmony II | HCFR07-FINE | HCFR07-F0AM |
| | System One Series: REMstar Pro, Auto BiPAP Auto, S/T, autoSV, autoSV Advanced, SleepEasy | HCFR08-FINE | HCFR06-F0AM |
| | DreamStation Series: CPAP Pro Auto-CPAP Auto-BiPAP | HCFR09-FINE | HCFR09-F0AM |

AEROvent® - Fine and Foam Device Filters | Home Ventilation Devices

Fine and foam filters for home ventilation devices from various manufacturers, for the filtration of particles from the ambient air aspirated by the device.



| | | Iter | n No. |
|-------------------------------------|--|--------------------|-------------------|
| Manufacturer | Device | Fine filter | Foam filter |
| | PV401-1 | HVF02-BR-FINE | - |
| Breas | Vivo 30, 40 | HVF05-BR-FINE | HVF05-BR-F0AM |
| | Vivo 50 | HVF06-BR-FINE | HVF06-BR-F0AM |
| Medtronic (Airox, Covidien, NPB) | Legendair PB520 PB 560 | HVF02-A-F0AM | - |
| | REMstar Legacy Series: BiPAP S/T, AVPS Nova Phoenix Somnia Synchrony II Harmony II | HCFR07-FINE | HCFR07-F0AM |
| Philips Respironics (Lifecare) | BiPAP S/T, A30, A30-S, A40, AVPS Harmony S/T | HCFR08-FINE | HCFR06-F0AM |
| | Trilogy 100, 200 | Bakterien- / Virer | filter HBF01-BFMG |
| | BiLevel ST22 | | |
| Löwenstein Medical | VENTIlogic VENTIlogic LS und plus | Upon request | - |
| Technology (Weinmann) | VENTImotion VENTImotion 2 | | |
| | prismaVENT Series | HCFW04-FINE | HCFW04-F0AM |

AEROvent® - Heat and Moisture Exchanger (HME) | Artificial Nose 🔯 📠



Heat and Moisture Exchanger (HME) for spontaneously ventilated patients with a tracheostomy.

- Effective protection of the airways against the negative effects of cold, dry breathing gas
- Particle filtering, heating and humidification of the respiratory air
- · Restoration of breathing resistance
- Housing made of polypropylene (PP), filter medium made of polyurethane foam (PU)
- With ISO connection 15F
- · Individually packaged



| Moisture output I Max. | Resistance I Max. | Internal volume | Weight | Item No. |
|-------------------------|-----------------------|-----------------|---------------|-------------|
| 19.99 mg/l at VT 500 ml | 0.33 mbar at 30 l/min | approx. 17 ml | approx. 4.4 g | HBF01-KN-TS |





AEROtube® is characterised by safe solutions in the areas of airway management, ventilation or CPAP therapy. Our wide assortment, consisting of products with a wide variety of properties and materials, offers you many advantages in terms of both application and patient comfort.

AEROtube® - Airway Management

High quality products such as our metal laryngoscope blades and handles or adequate aids such as laryngeal masks, endotracheal and oropharyngeal tubes are available for a safe intubation or securing the airways. Whether in the field of homecare, emergency medical service or hospital - we offer you the right solutions.

AEROtube® - Ventilation Management

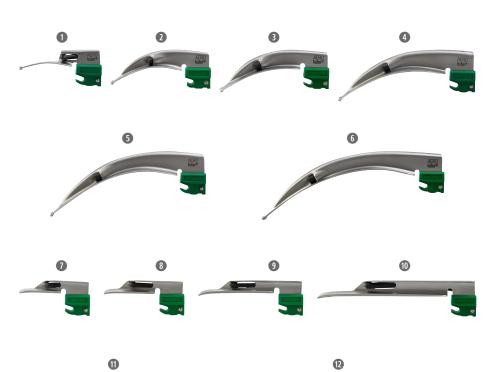
For ventilation, you get CPAP tubes of type Standard and Slim - available in the versions Classic and the even lighter and more flexible Classic Flex. Our assortment also includes reliable ventilation tubing systems with the appropriate accessories such as breathing bags, tubing connectors, test lungs and catheter mounts. Feel free to contact us - we will assemble your desired system configuration together with you!

AEROtube® - Metal Laryngoscope Blades | Single Use | 🔤 🕮

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

- Compatible 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



| | Size | Item No. |
|-----------|------|------------------|
| | 0 | HLK02-SMC0LS-E |
| lsh | 1 | ② HLK02-SMC1LS-E |
| Macintosh | 2 | HLK02-SMC2LS-E |
| Ma | 3 | 4 HLK02-SMC3LS-E |
| | 4 | 6 HLK02-SMC4LS-E |
| | 5 | 6 HLK02-SMC5LS-E |

| | Size | Item No. |
|--------|------|--------------------------|
| | 00 | ● HLK02-SML00LS-E |
| | 0 | 8 HLK02-SML0LS-E |
| Miller | 1 | 9 HLK02-SML1LS-E |
| _ | 2 | • HLK02-SML2LS-E |
| | 3 | ① HLK02-SML3LS-E |
| | 4 | # HLK02-SML4LS-E |

AEROtube[®] - Metal Laryngoscope Handles | Reusable | 🖴 🛍

NEW PRODUCT

• Compatible according to DIN EN ISO 7376 (Green Standard)

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

- High quality brass with nickel-chrome coating
- Battery-operated (2 x 1.5V type C or 2 x 1.5V type AA)

- Energy-saving LED technology
- · Very good luminosity
- · Non-slip grip sleeve surface



Standard LED with very good luminosity

| Description | Item No. |
|--------------------|-----------------------|
| Standard (Ø 28 mm) | ● HLK04-GB28-M |
| Slim (Ø 19 mm) | ② HLK04-GB19-M |
| Short (Ø 32 mm) | ③ HLK04-GB32-M |

Universal CPAP Breathing Tubes | Standard and Slim | 🛂 📠





High quality universal CPAP breathing tubes of type Standard 10 (19 mm) and Slim 15 (15 mm), with 22 mm cuffs, in grey, length 1.80 m, for adults. Each available in the versions Classic and the even lighter and more flexible Classic FL (Classic Flex). For use with respiratory therapy devices and humidifiers with conical connectors acc. DIN EN ISO 5356-1. Applicable in the non-invasive respiratory therapy in homecare, hospital and sleep-lab.

- Flex variants even lighter and more flexible
- Made of polyethylene (PE) and polypropylene (PP)
- · 6 year shelf life

- · For single-patient-use
- · Latex-free and DEHP-free
- · Individually packed













15 mm

15 mm

| Version | Ø | Item No. |
|---|-------|-------------------------|
| CPAP breathing tube Standard (Classic 19) | 19 mm | ● HCS21-1800-G |
| CPAP breathing tube Standard Flex (Classic FL 19) | 19 mm | ② HCS21-1800FL-G |
| CPAP breathing tube Slim (Classic 15) | 15 mm | ③ HCS21-1800-GSL |
| CPAP breathing tube I Slim Flex (Classic FL 15) | 15 mm | |

CPAP Tubing System for SOMNOcomfort (Löwenstein Medical Technology / Weinmann) 🤒 📠





CPAP tubing system CSS3 including 22 mm CPAP breathing tube with 22 mm silicone cuffs, length 1.80 m. With internal pressure measurement hose 3 x 1 and 2 sealing plugs. Suitable for CPAP device SOMNOcomfort.





| Version | Ø | Item No. |
|----------------------------|-------|----------------|
| CPAP breathing tube 1.80 m | 22 mm | HCSS03-1800-WM |

AEROtube® - Tubing Connectors AEROtube® - Tubing Connectors



Tubing connectors / adapters for connecting anesthesia / ventilation and CPAP breathing tubes or tubing systems.



Single Use

• 22M / 15F - 22M / 15F





Reusable

- Autoclavable up to 134 °C
- 22M / 15F 22M / 15F

Single Use

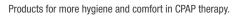
- 22M 22F
- 0₂ connector

| Material | Item No. |
|--|--|
| Polyethylene (PE) I Single use | ● HBAD01-22M15F-22M15F |
| Polysulfone (PSU) I Reusable | 2 HBAD02-22M15F-22M15F Discontinued item |
| Polyethylene (PE), Polypropylene (PP) I Single use | 3 HBAD01-22M-22F-6 |

AEROtube® - Accessories for CPAP Therapy



+ Accessories for CPAP Therapy





Tube Cleaning System

Simplifies cleaning and storage of CPAP tubes

- For all CPAP tubes with 22 mm cuffs
- · Attachment with suction cup or hook
- Reusable
- Washable



Delivery without tubing

Hose Wrap

To avoid condensation

- · Improves heat retention along the hose
- Made of high quality nylon
- · Hand wash cleaning
- Length approx. 1.73 m
- · Compatible with almost all CPAP hoses length 1.80 m



Mask Stand

For easy storage of CPAP masks

- Compatible with almost all CPAP masks, nasal masks, full face masks
- Also ideal for drying the mask after cleaning
- · With adjustable clamps
- Dimensions (W x H x D): Approx. 17.8 x 23.8 x 14 cm





Medium / Large

Nose Pads

Gel pads for CPAP Masks

- Relieves the pressure | Reduces leaks
- · Protects against skin irritations
- Latex-free, hypoallergenic and washable
- · Usage time up to 30 days
- Dimensions: Approx. 8.6 x 3.1 cm (Petite / Small) Approx. 9.3 x 3.5 cm (Medium / Large)

| Description | Item No. |
|-------------------------|-----------------|
| Hose cleaning system | ● HCZ01-RS1-HB |
| Hose sleeve | ② HCZ01-SH1-BLK |
| Mask stand | 3 HCZ01-ST1-W |
| Nose pad petite / small | 4 HCZ01-NP-PS |
| Nose pad medium / large | HCZ01-NP-ML |

AEROtube® - Ventilation Tubing Systems and Individual Components



Ventilation tubing systems as well as water traps and tubing connectors as available individual components according to the item number specified. All components non-sterile, individually hygienically packed, suitable for adults. For anesthesia and emergency medicine.

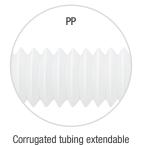
Different systems

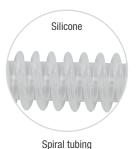
- PE tubing systems corrugated tubing, with fixed length
- PP tubing system corrugated tubing extendable

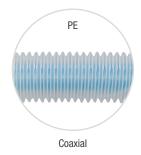
- · Silicone tubing system spiral tubing smooth inside
- PE coaxial tubing systems

Materials









Breathing Bags

0,5 I 1,0 I 2,0 I 3,0 liters (see complete overview on page 138)







Connectors as well as available individual components









Y-Connector straight



With Luer-Lock | For silicone tubing

90° Angle Adapter



90° Angle Adapter, with Luer-Lock



90° Angle Adapter, reusable



HBAD02W-22M/15F-22F

PP Water Trap, Single Use



HWF06-22AD

PE Tubing Connector 22M / 15F - 22M / 15F



HBAD01-22M15F-22M15F

PE/PP Tubing Connector, 22M - 22F with 0₂ connection



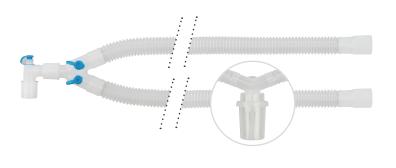
HBAD01-22M-22F-6

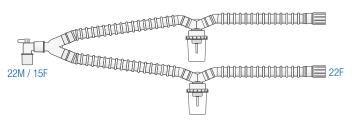
PSF Tubing Connector, 22M / 15F - 22M / 15F



HBAD02-22M15F-22M15F

PE Ventilation Tubing Systems | Corrugated Tubing, with fixed length





22F 22F

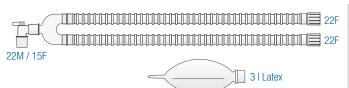
| Model | Item No. |
|--|--------------------|
| Adults 22 mm / 1.50 m 90° angle adapter with Luer-Lock / CO ₂ Port Y-piece without ports 2 water traps additional tubing 0.75 m | HBSS12-150E1-318B1 |



| Model | Item No. |
|--|------------------|
| Adults 22 mm / 1.50 m Y-piece straight, without ports | HBSS12-150E1-451 |



| Model | Item No. |
|--|------------------|
| Adults 22 mm / 1.50 m 90° angle adapter, without ports Y-piece straight, without ports | HBSS12-150E1-701 |

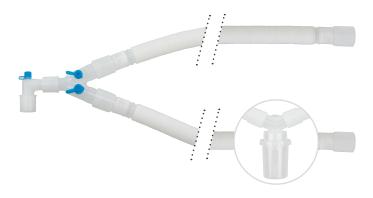


| Model | Item No. |
|---|--------------------|
| Adults 22 mm / 1.50 m 90° angle adapter with Luer-Lock /CO ₂ port Y-piece straight, without ports 3 liter latex breathing bag | HBSS12-150E1-704L3 |



| Model | Item No. |
|---|------------------|
| Adults 22 mm / 1.50 m 90° angle adapter with Luer-Lock / CO ₂ port Y-piece straight, without ports | HBSS12-150E1-704 |

PP Ventilation Tubing System - Corrugated Tubing, extendable

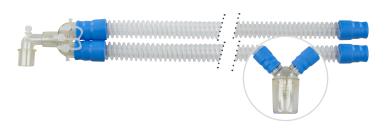


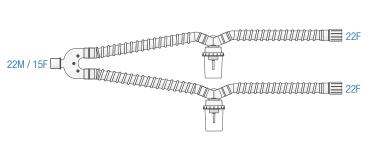


| Model | Item No. |
|--|------------------|
| Adults 22 mm / 0.60 m to 2.40 m extendable 90° angle adapter with Luer-Lock / CO ₂ port Y-piece straight, without ports | HBSS14-240E1-704 |

Silicone Ventilation Tubing System - Spiral Tubing, smooth inside

Spiral-reinforced ventilation tubing with smooth interior, extremely flexible and kink-resistant. Minimises accumulations of fluid and reduces growth of microorganisms. Reusable / autoclavable up to 134°C





| Model | Item No. |
|---|------------------|
| Adults 22 mm / 1.50 m 90° angle adapter with Luer-Lock / $\rm CO_2$ port Y-piece straight, with pressure-, temperature- and Luer-Lock / $\rm CO_2$ port 2 water traps | HBSS16-150E1-792 |

PE Coaxial Ventilation Tubing Systems

Single use coaxial ventilation tubing systems which combine two tubings in one (inspiratory and expiratory tubing). Available in lengths 1.50 and 1.80 m, extendable, for adults. With 22F connections, 90° angle adapter with CO₂ connection, without gas sampling hose. For use in anesthesia and intensive care medicine.

- · Extremely kink-resistant
- Low own weight
- · Comfortable ventilation for the patient
- · Space-saving and safe to use
- Made of polyethylene (PE), latex-free

The inspiratory gas supplied during ventilation will be heated by the exhaled air of the patient



Extremely kink-resistant



| Version | Item No. |
|---------------------------|--------------------|
| 22 mm 1.50 m extendable | HBSS12-150E1C1-254 |
| 22 mm 1.80 m extendable | HBSS12-180E1C1-254 |



Further versions are available upon request

AEROtube® - Universal IPPB Tubing System 🥸 🕮



Tubing system 22 mm, including 1 m and 0.15 m corrugated tubing, 2 control tubings 1.20 m, exhalation valve, 20 ml medication nebulizer and mouthpiece.

| Total length Ø | Item No. |
|------------------------|-------------|
| Approx. 1,20 m 22 mm | HBSS12-IPPB |



AEROtube® - Corrugated Tubings

Single use corrugated tubings 22 mm, made of polyethylene (PE) and ethylene vinyl acetate (EVA) with 22 mm connection sleeves. Available in lengths 0.4 m and 1 m.



| Length | Item No. | |
|--------|---------------|-------------------|
| 0.4 m | HFS05-22-0.40 | Discontinued item |
| 1.0 m | HFS05-22-1 | Discontinued item |

AEROtube® - Ventilation Tubings

Ventilation tubings in different versions, made of PE | PVC | PP | Silikon

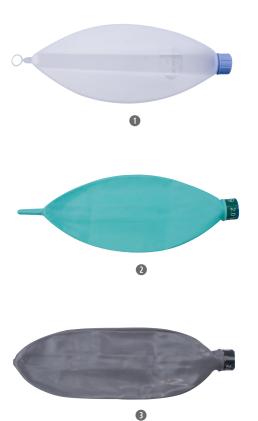
- For Adults | Children
- Fixed lengths | Extendable version
- · With 22F cuffs



| Material | Model | Item No. |
|--------------------------|---|-------------|
| Polysthydone (PF) | Adults 22 mm / Length 0.75 m | HBS12-075E1 |
| Polyethylene (PE) | Children 15 mm / Length 0.75 m | HBS12-075K1 |
| Debugged sklevide (DVO) | Adults 22 mm / Length 0.75 m | HBS11-075E1 |
| Polyvinyl chloride (PVC) | Children 15 mm / Length 0.75 m | HBS11-075K1 |
| Deliverentiane (DD) | Adults 22 mm / 0,20 m up to 0.75 m extendable | HBS14-075E1 |
| 3 Polypropylene (PP) | Children 15 mm / 0,20 m up to 0.75 m extendable | HBS14-075K1 |
| 4 Silicone | Adults 22 mm / Length 0.60 m | HBS16-060E1 |

AEROtube® - Breathing Bags 📠

Single use latex or latex-free breathing bags as well as reusable breathing bags made of silicone, with 22F connections.

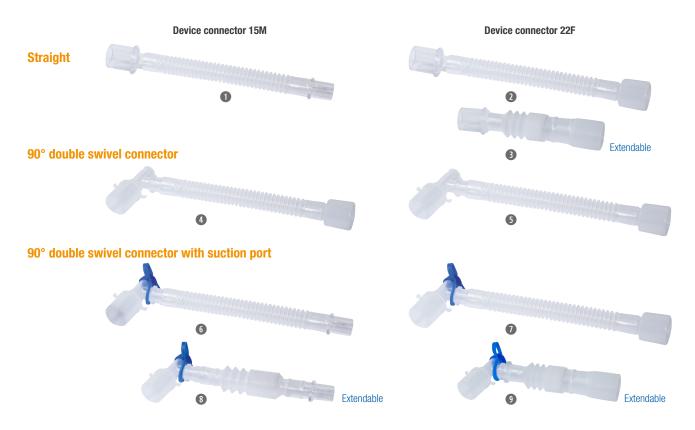


| Material I Colour | Size | Item No. |
|---------------------------|------|-------------|
| | 0.5 | HBAB01-500 |
| Silicone White | 1.0 | HBAB01-1000 |
| Autoclavable up to 134 °C | 2.0 | HBAB01-2000 |
| | 3.01 | HBAB01-3000 |
| | 0.5 | HBAB02-500 |
| O Later from 1 Owner | 1.0 | HBAB02-1000 |
| 2 Latex-free Green | 2.0 | HBAB02-2000 |
| | 3.01 | HBAB02-3000 |
| | 0.5 | HBAB03-500 |
| O Later L Orace | 1.0 | HBAB03-1000 |
| 3 Latex Grey | 2.0 | HBAB03-2000 |
| | 3.01 | HBAB03-3000 |

AEROtube® - Catheter Mounts 🕸 🔤 🛍

Single use catheter mounts for connecting the patient to the ventilation system. Patient-side connections 22M / 15F, available in different types, individually packed.

- Device connector 15M or 22F
- Fixed length 180 mm, made of polyethylene (PE) and ethylene vinyl acetate (EVA) | Extendable from 90 140 mm or 110 180 mm, made of polypropylene (PP)
- Straight | 90° double swivel connector | 90° double swivel connector with suction port



| | Conne | ctions | Length | | | |
|-----------------------------|-----------|--------|--------|--------------|---------------------------|--|
| Туре | Patient | Device | Fixed | Extendable | Item No. | |
| | 22M / 15F | 15M | 180 mm | | ● HTV06-15M/18 | |
| Straight | 22M / 15F | 22F | 180 mm | | ② HTV06-22F/18 | |
| | 22M / 15F | 22F | | 90 - 140 mm | 3 HTV06-22F/14A | |
| 90° double swivel | 22M / 15F | 15M | 180 mm | | 4 HTV06-15M/18-DK | |
| connector | 22M / 15F | 22F | 180 mm | | 6 HTV06-22F/18-DK | |
| | 22M / 15F | 15M | 180 mm | | 6 HTV06-15M/18-DKK | |
| 90° double swivel | 22M / 15F | 22F | 180 mm | | ● HTV06-22F/18-DKK | |
| connector with suction port | 22M / 15F | 15M | | 110 - 180 mm | 8 HTV06-15M/18A-DKK | |
| | 22M / 15F | 22F | | 90 - 140 mm | ① HTV06-22F/14A-DKK | |

AEROtube® - Test Lung <equation-block> 🔤 🗈

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 / cmH₂0
- Airway resistance 11 cmH₂0 / I / 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 wining

| silicone-free components - cleaning and disinfection by wiping | |
|--|-------------|
| Colour | Item No. |
| White | HTL02-1000W |

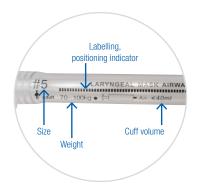


AEROtube® - Laryngeal Airway Masks 🔤 🗈

Reusable silicone laryngeal masks as well as single use PVC laryngeal masks, colour-coded. In case of difficult airways, optimal alternative to ventilation with masks and endotracheal tubes.

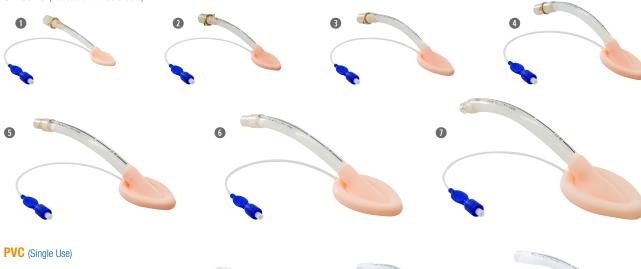
- 15 mm connector acc. DIN EN ISO 5356-1
- Control marking for correct positioning
- Soft, classically shaped cuff with a good seal

- Control balloon for monitoring the internal cuff pressure
- Individually sterile packed





Silicone (Reusable / Autoclavable)





| | | Body weight | | | Cuff volume may | Cuff volume max. | lume max. | | |
|------|--------------------|-------------|-------|-------|-----------------|------------------|------------------|--|--|
| Size | Patient group | (kg) | ID mm | OD mm | (ml) | Silicone | PVC | | |
| 1 | Neonates | 0 - 5 | 5.8 | 8.8 | 4 | 1 HLM11-1 | 8 HLM12-1 | | |
| 1.5 | Infants | 5 - 10 | 6 | 10 | 7 | ② HLM11-1.5 | 9 HLM12-1.5 | | |
| 2 | Infants / Children | 10 - 20 | 7.8 | 12 | 10 | 3 HLM11-2 | ① HLM12-2 | | |
| 2.5 | Children | 20 - 30 | 8.5 | 13.2 | 14 | 4 HLM11-2.5 | ① HLM12-2.5 | | |
| 3 | Children | 30 - 50 | 10.2 | 15 | 20 | 5 HLM11-3 | 1 HLM12-3 | | |
| 4 | Adults | 50 - 70 | 10 | 15 | 30 | 6 HLM11-4 | | | |
| 5 | Adults | 70 - 100 | 12 | 17 | 40 | 1 HLM11-5 | | | |

AEROtube® - Endotracheal Tubes 🔤 🛅

Single use endotracheal tubes made of crystal-clear and soft PVC, without low pressure cuff ①, with low-pressure cuff ② and sets consisting of endotracheal tube with low pressure cuff, stylet and blocker syringe ③. Suitable for short and long term tracheal intubation.

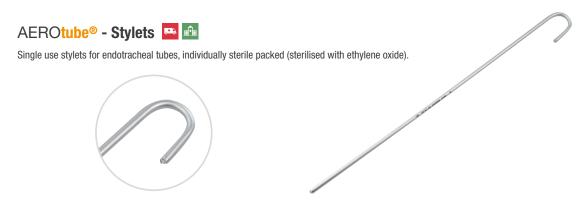
- Type Magill with Murphy eye
- 15 mm ISO connector
- Control marking for correct tube position

- · Soft low pressure cuff
- Control balloon for monitoring the internal cuff pressure
- Individually sterile packed





| Ø | | | Item No. | | |
|------|----------------|----------------|--------------|-------------|---------------|
| Size | 0D mm (± 0.15) | ID mm (± 0.15) | without cuff | 2 with cuff | 3 Set |
| 2 | 2.7 | 2.0 | HET01-20 | | |
| 2.5 | 3.3 | 2.5 | HET01-25 | HET01-25M | |
| 3 | 4.0 | 3.0 | HET01-30 | HET01-30M | |
| 3.5 | 4.7 | 3.5 | HET01-35 | HET01-35M | |
| 4 | 5.3 | 4.0 | HET01-40 | HET01-40M | |
| 4.5 | 6.0 | 4.5 | HET01-45 | HET01-45M | |
| 5 | 6.7 | 5.0 | HET01-50 | HET01-50M | HET01-50M-SET |
| 5.5 | 7.3 | 5.5 | HET01-55 | HET01-55M | HET01-55M-SET |
| 6 | 8.0 | 6.0 | HET01-60 | HET01-60M | HET01-60M-SET |
| 6.5 | 8.7 | 6.5 | HET01-65 | HET01-65M | HET01-65M-SET |
| 7 | 9.3 | 7.0 | HET01-70 | HET01-70M | HET01-70M-SET |
| 7.5 | 10.0 | 7.5 | HET01-75 | HET01-75M | HET01-75M-SET |
| 8 | 10.7 | 8.0 | HET01-80 | HET01-80M | HET01-80M-SET |
| 8.5 | 11.3 | 8.5 | HET01-85 | HET01-85M | HET01-85M-SET |
| 9 | 12.0 | 9.0 | HET01-90 | HET01-90M | HET01-90M-SET |
| 9.5 | 12.7 | 9.5 | HET01-95 | HET01-95M | |
| 10 | 13.3 | 10.0 | HET01-100 | HET01-100M | |



| Charrière (CH) | Ø in mm (± 0.05 mm) | Length in mm (± 10 mm) | Item No. |
|----------------|---------------------|------------------------|------------|
| 6 | 2.0 | 270 | HET01-FS06 |
| 10 | 3.3 | 335 | HET01-FS10 |
| 14 | 4.7 | 325 | HET01-FS14 |



Stylets with other charrières are also available upon request

AEROtube® - Guedel Tubes 🔤 📠



Single use oropharyngeal tubes according to Guedel, semi-transparent.

• Outer material made of flexible polyethylene



| Size | Length | Colour code | Item No. |
|------|--------|-------------|-------------------|
| 000 | 40 mm | | 1 HOT01-G000 |
| 00 | 50 mm | | ② H0T01-G00 |
| 0 | 60 mm | | 3 H0T01-G0 |
| 1 | 70 mm | | 4 H0T01-G1 |
| 2 | 80 mm | | 5 H0T01-G2 |
| 3 | 90 mm | | 6 H0T01-G3 |
| 4 | 100 mm | | ⊘ H0T01-G4 |
| 5 | 110 mm | | 8 H0T01-G5 |
| 6 | 120 mm | | 9 H0T01-G6 |

Sets in polybag or transparent and stable storage box



For sizes 000 - 5, Dimensions 13 x 17 x 4.5 cm (L x W x H)



For sizes 000 - 6

| Sizes | Packaging | Item No. |
|---------|-------------|------------------|
| 000 - 5 | Plastic box | H0T01-G000-5-B0X |
| 000 - 6 | Polybag | H0T01-G000-6 |





Our AEROresc® products are specially designed for the safe immobilization of the limbs and the cervical area in order to treat existing injuries with emergency aid measures and to optimally prevent further injuries at the place of accident or during transport.

AEROresc® - EASY Splint

Our EASY Splint - Universal Splints are used to immobilize almost all sections of the human limbs. Thanks to the structured surface of the patient side, they ensure a secure grip and better air circulation. Suitable for numerous fields of application. Light-weight, stable and universal.

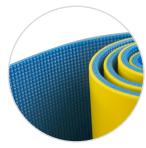
AEROresc® - EASY Collar Adult I Mini

The two models of our cervical collar are the perfect addition to your equipment in the area of immobilization. They offer greatest stability and the highest possible wearing comfort with easy handling. With large tracheal opening for airway management and palpation. Space-saving transport thanks to the self-raising chin support.

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
- 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
- Liquid-repellent (blood, secretion, sweat), reusable



Better air circulation | Secure grip

Basis forms and application examples



C-Curve | Strong

To form the C-Curve, pull both side edges inwards.



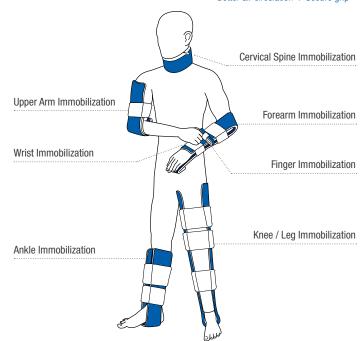
Reverse C-Curve | Stronger

Form the C-Curve. Then form the side edges in the opposite direction.



T-Curve | Strongest

Place the side edges on top of each other. Then bend half of each side until a 90° angle is reached.





| | EASY Splint - Individual splints | | | | | | |
|------|--|---------------|--------|----------------|--|--|--|
| Size | Size Dimensions (W x L) Weight Type Item No. | | | | | | |
| XS | 5 x 11 cm | approx. 4 g | flat | 1 HIMT02-SP-XS | | | |
| M | 50 x 11 cm | approx. 80 g | rolled | ② HIMT02-SP-M | | | |
| XL | 100 x 11 cm | approx. 160 g | rolled | 3 HIMT02-SP-XL | | | |





| EASY Splint - Set and set replacement splints | | | | | | |
|---|------------------------------|---------------|---------------|--------------------|--|--|
| Size | Dimensions | Weight | Туре | Item No. | | |
| 2 x XS 1 x M 1 x XL | 17.5 x 12 x 6 cm (W x H x D) | approx. 310 g | Set | 6 HIMT02-SP-SET1 | | |
| XS | 5 x 11 cm (W x L) | approx. 4 g | | 1 HIMT02-SP-XS | | |
| M | 50 x 11 cm (W x L) | approx. 80 g | flat / rolled | 4 HIMT02-SP-M-SET | | |
| XL | 100 x 11 cm (W x L) | approx. 160 g | | 5 HIMT02-SP-XL-SET | | |

AEROresc® - EASY Collar Adult | Mini | 4

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

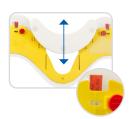
Easy handling



1. Measure patient



2. Detect size



3. Adjust size



4. Lock

Comfortable chin support

· Flips up automatically

during application · Anatomical and soft padded

Closure system

· Provides high stability Striking locking buttons for fast recognition

Fastening hooks

· Left and right side · Safe fixation of

nasal cannula tubings

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

With self-raising chin support













| Model | Colour | Dimensions (W x H) | Weight | Item No. |
|---|----------------|--------------------|--------|---------------|
| Adult (for adults) | Yellow / White | 57 x 18 cm | 126 g | ● HIMT11-EC-E |
| Mini (for infants, children and small adults) | Blue / White | 44.5 x 14 cm | 74 g | ② HIMT11-EC-K |







AEROuse stands for first class solutions in the field of first aid as well as optimal protection in emergency medical service. We offer you reliable products for highest demands and versatile applications.

AEROuse - EASY Gloves Nitrile Premium Guard

Our single use glove meets your requirements for high quality Personal Protective Equipment in various applications. Whether examining infectious patients, handling chemicals, in the laboratory or contact with food - protection and a high wearing comfort play a central role at any time.

AEROuse - Instant Cold Compress

Whether in health facilities, companies or in private use, instant cold compresses should not be missing in any first aid equipment. With the AEROuse - Instant Cold Compress, you are well equipped when rapid intense cooling is required.

AEROuse - Rescue Sheet GS1

As standard equipment in emergency rescue service and as part of company and vehicle medical kits, our rescue sheet GS1 is available to you as a hard-wearing aluminum-coated special film that reliably protects injured people against hypothermia or overheating during first aid.

AEROuse - EASY Gloves Nitrile Premium Guard 🧐 🔤 🕮



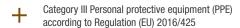


High quality single use examination and protective gloves made of blue nitrile, powder- and latex-free, with extended and beaded cuffs. The gloves are intended to be used to contribute to prevent cross contaminations in the framework of medical examinations and diagnostic / therapeutic procedures conducted 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



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

The Guard Model

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



Guard M

Guard L

Guard XL

Fields of application

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







Further models are available upon request

| Colour code | Sizes | Units* | Item No. |
|-------------|-----------|--------|-------------------|
| _ | S 6-7 | | HHS01-PG-PF3-B-S |
| | M 7-8 | 100 | HHS01-PG-PF3-B-M |
| | L 8-9 | | HHS01-PG-PF3-B-L |
| | XL 9 - 10 | 90 | HHS01-PG-PF3-B-XL |

*Per dispenser box

AEROuse - Instant Cold Compress 🥸 🔤 🛍

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

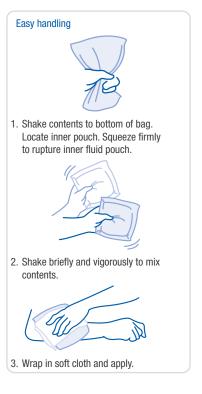
- · Immediate intensive cold without pre-cooling
- · Easy activation by compression
- · Water and urea based
- · Single use

Fields of application

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









Customized cold compresses available upon request

With individual customer logo and possible in your own design!

| Materials | Standard colour | Dimensions (W x L) | Weight | Item No. |
|--------------------------|-----------------|--------------------|---------------|---------------|
| Polyethylene (PE), Nylon | Blue / White | 15 x 17 cm | approx. 155 g | HKP01-U-15x17 |

AEROuse - Rescue Sheet GS1 🔤 😳

High quality aluminum-coated rescue sheet that protects injured people against cold and hypothermia as well as against heat and solar radiation during first aid.

- · Extremely thin and tear-resistant
- Highly reflective
- · Prevents heat loss
- · Protects against hypothermia
- · Largely stops the heat radiation
- · Good visibility at the scene of the accident

Fields of application

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



| Materials | Colour | Dimensions (W x L) | Weight | Item No. |
|----------------------------------|---------------|--------------------|--------------|------------------|
| Polyester film, aluminium-coated | Gold / Silver | 160 x 210 cm | approx. 60 g | HD01-GS1-160x210 |

COVID-19 Protection ProgramPatient Safety



AEROprotective® includes high quality surgical face masks and filtering half masks for protection against pandemics and to ensure patient safety in general, with an optimal price-performance ratio.

AEROprotective® - Surgical Face Mask, Type IIR

This medical mouth and nose protection meets the necessary requirements in emergency medical service, clinical routine or private use. Made of 3-ply PP spunbond inner and outer layers, PP meltblown filter layer with high bacterial filtration efficiency, Latex-free and fiberglass-free as well as other features such as elastic ear loops.

AEROprotective® - Respiratory Face Mask FFP2 NR

With our high quality filtering half mask, Personal Protective Equipment made of 4-ply non-woven polypropylene is at your disposal. Essential details are the very low leakage and the inner molded foam in the nose area. For highest possible wearing comfort and maximum protection.

To meet your security needs, further products are available upon request.

AEROprotective® - Surgical 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): ≥ 98 %*
- Breathability (differential pressure Pa/cm²): < 60*
- Splash resistance: ≥ 16 kPa*
- 50 pcs available in a dispenser box

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

Fields of application

- Hospital
- · Emergency medical service
- · Medical practices
- · Further health and care facilities
- Private use







| Model | Dimensions (L x H) | Colour | Item No. |
|-----------------|--------------------|--------|-------------|
| Type IIR, 3-ply | 17.5 x 9.5 cm | Blue | SYM-FMA-150 |

COVID-19 Protection Program 📀 🔤 📠







A pandemic poses major challenges for medical facilities and offers equally enormous potential for improvement to prevent infections in general and to minimise risks in the area of patient safety. Our wide range meets your safety needs and includes high quality products such as surgical face masks, filtering half masks or infrared thermometers - with an optimal price-performance ratio.



Further information about our COVID-19 Protection Program can be found in our COVID-19 Catalogue

AEROprotective® - Respiratory Face Mask FFP2 NR 🧐 🖴 🕮





High quality filtering half mask of class FFP2, not reusable (NR). 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.

Materials and components

- 4-ply non-woven polypropylene mask, consisting of:
 - Hydrophobic outer layer made of PP spunbond
 - Second layer made of PP spunbond for additional support
 - Electrostatic PP meltblown layer for filtration of small particles
 - Hypoallergenic inner layer of PP spunbond for a pleasant skin comfort
- With flexible aluminum nose piece 1, inner molded foam 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 which adapts well to different face shapes
- · Easy and natural fitting for optimal protection
- · Allows clear vision, even for users wearing glasses
- · Ultra-light, soft and comfortable to wear
- 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 I/min*
- 20 pcs. per SU available



Exemplary product presentation

EU conformity

- Certified by Austrian Notified Body OETI as 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 molded foam in the nose area!



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

| Model | Item No. |
|----------------|-----------------|
| FFP2 NR, 4-ply | 0SH-M-9520/FFP2 |

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

AEROfusion



AEROfusion is our brand for first aid in the field of tourniquets which offers you high functionality and the possibility of individualisation at the same time. Professional and patient-friendly, applicable in emergency medical service, in hospital or in medical practices as well as care facilities.

AEROfusion - One-Handed Tourniquet

As an important part of every first aid and practice equipment, we offer you with our AEROfusion - One-Handed Tourniquets a patient-friendly and safe solution.

Thanks to the multifunctional closure, which allows separate decongestion and releasing, you save time while applying and protect the patient from bruises or pinched skin at the same time. In addition, the polyester strap is skin-friendly and particularly robust with an elasticity of 250 %.

AEROfusion - One-Handed Tourniquet 🥸 🔤 🛍

Professional and patient-friendly tourniquet, 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 and loosening
- · Fast one-hand operation without reaching round
- Easy to apply and safe decongestion
- · Safely rolled up due to clamp closure
- · With eyelet for hanging

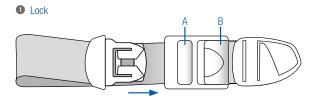
Patient-friendly and safe

- . 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°

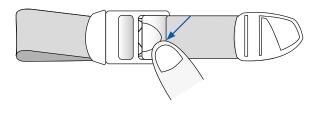


Operation

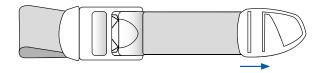
- Place the compression loop around the arm, then push the tab into the buckle. •
- Pull the loose end until the blood supply is sufficiently arrested. ②
- For loosening the compression loop, press button B. 3
- Open the tourniquet by pressing button A. 4



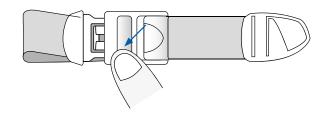








4 Unlock





Customized tourniquets available upon request

With individual customer logo and possible selection of 10 different colours!

| Materials | Standard colour* | Dimensions (L x W) | Weight | Item No. |
|---|------------------|----------------------------------|--------------|------------------|
| Polyester, elastane (strap), ABS (buckle) | Blue / White | 40 x 3.5 cm (2.5 cm width strap) | approx. 31 g | HVS01-25W/B-V2.0 |

HUM Customized



With HUM Customized, we offer you the opportunity to create your own AERObag - Pocket Masks and CPR Face Shields, individual AEROfusion - One-Handed Tourniquets and distinctive AEROuse - Instant Cold Compresses.

AERObag® - Pocket Masks

Our pocket masks are each available in a robust hard shell box and can be created with your customer's logo, in addition to our standard range. Choose from 6 different colours!

AERObag® - CPR Face Shields

Each CPR face shield is supplied in a practical 5 x 5 cm soft case and is made of nylon fabric with a key ring. The soft case is available in 14 different colours and your logo is attached per sewn-in label. Up to 4 printing colours are possible here.

AEROfusion - One-Handed Tourniquet

There are 10 colours to choose for your own one-handed tourniquet and, of course, your logo can be printed. Choose from 3 different printing variants: on the polyester strap, the buckle or on the polyester strap and buckle.

AEROuse - Instant Cold Compress

You can design our instant cold compress completely freely if you wish. In addition to the customer's logo, we bring your whole own design here. Feel free to share your ideas with us!



Single use resuscitation mask made of PVC for adults and children, in a robust hard shell box. Anatomically contoured, well-sealing air bulge mask with an elastic rubber band for fixing the mask to the patient's head and with an exchangeable mouthpiece with a one-way valve. For optimal protection during rescue breaths, without direct contact between user and patient.



Addition to our standard range

Order Form

With individual customer logo and possible selection of 6 different colours! Delivery times and minimum order quantities: 14 - 20 weeks 1 Per colour from 640 pcs.









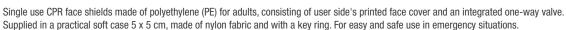






| Cole | our* | Item No. |
|------|--------|------------------|
| | Blue | HBM06-PMB-B/KD |
| | Red | HBM06-PMB-R/KD |
| | Yellow | HBM06-PMB-Y/KD |
| | Orange | HBM06-PMB-0/KD |
| | White | HBM06-PMB-W/KD |
| | Black | HBM06-PMB-BLK/KD |

AERObag® - CPR Face Shields





Addition to our standard range

Order Form

With individual customer logo and possible selection of 14 different colours! Delivery times and minimum order quantities: 8 - 10 weeks | Each colour from 100 pieces, golden yellow and violet from 500 pcs.











Your Logo



Your Logo











| Cole | our* | Item No. |
|------|----------------|---------------------|
| | 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-S5x5-0/KD |
| | Red | HBT01-V-S5x5-R/KD |
| | Red Violet | HBT01-V-S5x5-RV/KD |
| | Purple | HBT01-V-S5x5-P/KD |
| | Heather Violet | HBT01-V-S5x5-VH/KD |
| | Blue Purple | HBT01-V-S5x5-LB/KD |

AEROfusion - One-Handed Tourniquet 🔮 🖴 🛍

Professional and patient-friendly tourniquet, 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°



Available in 3 different print variants

- · Printing on polyester strap
- · Printing on buckle
- Printing on polyester strap and buckle



Addition to our standard range

Order Form

With individual customer logo and possible selection of 10 different colours!

Delivery times and minimum order quantities: 12 - 16 weeks | | Per colour from 500 pcs.

| Colour* | Item No. |
|----------------|----------------------|
| Blue | HVS01-25W/B-2.0/KD |
| Green | HVS01-25W/G-2.0/KD |
| Yellow | HVS01-25W/Y-2.0/KD |
| Orange | HVS01-25W/0-2.0/KD |
| Red | HVS01-25W/R-2.0/KD |
| Black | HVS01-25W/BLK-2.0/KD |
| Violet | HVS01-25W/V-2.0/KD |
| White | HVS01-25W/W-2.0/KD |
| Olive Green | HVS01-25W/0G-2.0/KD |
| Heather Violet | HVS01-25W/P-2.0/KD |

^{*}Due to the printing process, colour deviations are possible





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

Your Individual **Background**



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



Addition to our standard range

Order Form

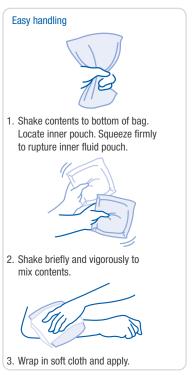
With individual customer logo and possible in your own design! Delivery times and minimum order quantities: 12 - 16 weeks | From 10.000 pieces, plus printing costs

| Materials | Colour | Dimensions (W x L) | Weight | Item No. |
|--------------------------|--------------|--------------------|---------------|------------------|
| Polyethylene (PE), Nylon | Blue / White | 15 x 17 cm | approx. 155 g | HKP01-U-15x17/KD |

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 (except for AEROuse - Instant Cold Compress)
- · Delivery times and minimum order quantities:
 - AERObag® Pocket Masks: 14 20 weeks | Per colour from 640 pcs.
 - AERObag® CPR Face Shields: 8 10 weeks I Each colour from 100 pieces, golden yellow and violet from 500 pcs.
 - AEROfusion One-Handed Tourniquet: 12 16 weeks | | Per colour from 500 pcs.
 - AEROuse Instant Cold Compress: 12 16 weeks | From 10.000 pieces, plus printing costs





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About us

HUM Gesellschaft für Homecare und Medizintechnik mbH

Our company history already began 25 years ago. In December 1995, today's company **HUM Gesellschaft für Homecare und Medizintechnik mbH** was born from an idea and a clear concept.

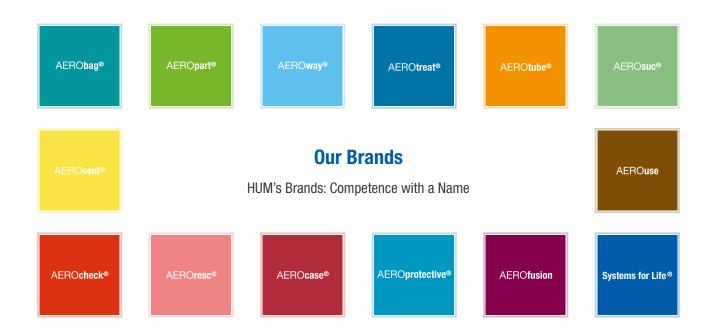
The corporate concept was very simple then as now - to offer high quality products at competitive prices. Everything with the primary corporate objective of "customer satisfaction". We constantly master changing market conditions as well as increasing customer requirements in the area of products and services by fulfilling the highest quality standards, in the sense of our Quality Management System according to EN ISO 13485:2016.

With our extensive range and the AERO own brands, we have now grown into an established player, both nationally and internationally, and a leading provider in the areas of Homecare, Emergency Medical Service and Hospital.

Following our slogan "Systems for Life", we are constantly developing our portfolio with innovative products and solutions from which the patient ultimately benefits the most. We are aware of our great responsibility!

Do you have a special request for which you do not have a solution? We are at your disposal at any time using the known contact details. Test us, we face every challenge!

Our product portfolio now consists of 14 brands that cover specific medical device applications.







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Publisher

HUM Gesellschaft für Homecare und Medizintechnik mbH Zum Pier 79 | 44536 Lünen | Germany

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Sales Tax Identification No.

DE 180373438

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Release Date

May 2022

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