



**NEW PRODUCTS  
2025**



Your competent partner in  
Homecare, Emergency Medical Service and Hospital!



Dear Ladies and Gentlemen,  
Valued Customers and Users,

We are pleased to present to you our latest innovations in the field of emergency medical services!  
These are available either immediately or from the first quarter of 2026.

Our AEROcase® – EMS+ and EMS Series are a particular focus here. We are proud to introduce our **“AEROcase® – Modular System 3.0”**, which impresses with key features such as weight reduction, enhanced comfort and RFID technology from the company smart-TEC. From the **AEROcase® – EMS** series, we present the **“MEDpack – The Next Generation of Emergency Backpacks”**: You will soon be able to choose from four different models, each available with either a hook-and-loop or magnetic system as well as numerous new details and a variety of modular bag sets!

In addition to another innovation – the **AEROcase® – Standard Colour “Luminous Red”** – you can, of course, also look forward to a wide range of new medical products: We are also introducing our new **AEROcheck® – Diagnostic Instruments** and the **AERObag® – Manual Resuscitator Sets SEBS, made of high-quality SEBS!**

Last but not least, we offer you an overview of our **Business Unit Textile Technology** and manufacturing at our Bielefeld site – our professional bags and transport cases “Made in Germany”.

Our company can now look back on **30 years of successful development and distribution** of high-quality medical and textile products. We would therefore like to sincerely thank you for your continued trust and the successful cooperation with HUM!

We are always pleased to assist you by telephone, email or at the upcoming trade fairs such as RETTmobil, 112RE-SCUE and MEDICA.

SCAN  
ME



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Modular System 3.0

LIGHTWEIGHT  | COMFORTABLE  | SMART BAGTAG 



Our AEROcase® – Modular System consists of our PROpack Emergency Backpack or the PRObag Emergency bag, along with a wide range of customizable modular bags and containers. Thanks to the system’s exceptional flexibility and organisation, your emergency bag becomes a personal game of Tetris. The components are handcrafted and stand out for their durability under the toughest operating conditions.

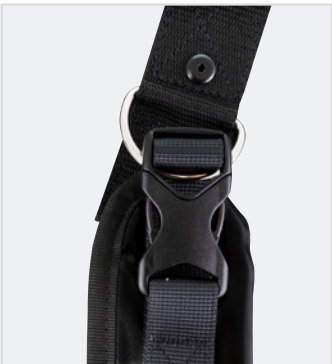
The new features

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

Available from approx. Q4/2025



With RFID technology – also retrofittable



Improved carrying system




Includes chest strap for a secure fit



Application example

 Our “AEROcase® – Modular System”  
Further information and sales available through our  
AEROcase® – Specialist Dealers

 Further information on the  
SMART BAGtag with RFID or NFC

MEDpack – The Next Generation of Emergency Backpacks

INNOVATIVE  | VERSATILE  | SMART BAGTAG 



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

The new features

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

Available from approx. Q1/2026



With retrofittable NFC technology



Optionally with magnet or hook-and-loop



Includes chest strap for a secure fit



Application example



MEDpack Basic

EMS

- Extremely durable emergency backpack EMS of the next generation in “Extra Large”, made of AEROTex® – PLAN (Tarpaulin), developed for continuous use in emergency medical services. Ensures safe transport of emergency equipment with maximum carrying comfort and especially large capacity.
- Lower shell with sewn-in hook-and-loop system for 4 modular bags with hook-and-loop fastening or, alternatively, with a welded magnetic system (3 x 5 grid) for 4 matching modular bags (multicolour – 1x XL, 3x L)
  - Optional supplementary modular bag set for oxygen as well as a modular bag set and precisely adapted, revised MCAL2 ampoule case for the front pockets
  - Upper shell with hinged front wall as well as numerous transparent compartments and fixation loops
  - 2 particularly large front pockets and a flat front compartment, 2 small and 1 elongated side pocket
  - With numerous details, such as comfort carrying handles, removable padded back carrying straps, bidirectional zippers, reinforced bottom protection and much more



Further development to the “MPXL1C”



MEDpack SEG

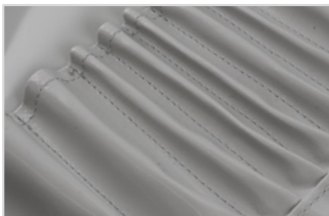
EMS

- Extremely durable emergency backpack EMS of the next generation in “Extra Large”, in a slim design, made of AEROTex® – PLAN (Tarpaulin). Developed for continuous use in emergency medical services and for MANV scenarios. Ensures safe transport of emergency equipment with maximum carrying comfort and large capacity.
- Lower shell with sewn-in hook-and-loop system for 4 modular bags with hook and loop fastening or, alternatively, with a welded magnetic system (3 x 5 grid) for 4 matching modular bags (multicolour – 1x XL, 3x L)
  - Optional supplementary modular bag set for oxygen
  - Inside of the lid with various compartments and loops, suitable for documentation such as medical emergency triage tags (Met-Tags), for small equipment and pens
  - With flat front compartment, suitable for e.g. clipboard
  - With numerous details, such as comfort carrying handles, removable padded back carrying straps, bidirectional zippers, reinforced bottom protection and much more

Successor to the “SEG XL”



Inside of the lid with various compartments and loops



For small equipment and pens



Includes chest strap for a secure fit



Application example

MEDpack AED

EMS

- AED emergency backpack EMS of the next generation in “Extra Large”, made of extremely durable AEROTex® – PLAN (Tarpaulin), developed for continuous use in emergency medical services. Ensures safe transport of emergency equipment with maximum carrying comfort and especially large capacity.
- Lower shell with sewn-in hook-and-loop system for 4 modular bags with hook-and-loop fastening or, alternatively, with a welded magnetic system (3 x 5 grid) for 4 matching modular bags (multicolour – 1x XL, 3x L)
  - Optional supplementary modular bag set for oxygen
  - Upper shell with hinged front wall as well as numerous transparent compartments and fixation loops
  - Large AED front pocket, further small front pocket as well as 2 small and 1 elongated side pocket
  - With numerous details, such as comfort carrying handles, removable padded back carrying straps, bidirectional zippers, reinforced bottom protection and much more



Successor to the “EPMC”



With large AED front pocket



Inner shell with transparent compartments



Includes chest strap for a secure fit



Application example

MEDpack Ampoule

EMS

- Extremely durable emergency backpack EMS of the next generation in “Extra Large”, made of AEROTex® – PLAN (Tarpaulin), for the secure storage of an ampoule case via the quick-access insertion compartment. Compact transport of emergency equipment with maximum carrying comfort and especially large storage capacity.
- Lower shell with sewn-in hook-and-loop system for 4 modular bags with hook-and-loop fastening or, alternatively, with a welded magnetic system (3 x 5 grid) for 4 matching modular bags (multicolour – 1x XL, 3x L)
  - Optional supplementary modular bag set for oxygen as well as a modular bag set for the front pockets
  - Upper shell with hinged front wall as well as numerous transparent compartments and fixation loops
  - Quick access slide-in compartment for MCAL2 ampoule case with further small front pocket and a flat front compartment, 2 small and 1 elongated side pocket
  - With numerous details, such as comfort carrying handles, removable padded back carrying straps, bidirectional zippers, reinforced bottom protection and much more



With stable fastening strap



Large interior (hook-and-loop variant)



AEROcase®

Modular Bag MCAL 2.0 Ampoule Case

EMS

Ampoule case of the next generation in “Large” made of AEROtex® – PLAN (Tarpaulin) for the shatter-proof storage of ampoules, cannulas and syringes.

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

Precisely developed for the MEDpack Series – suitable for MEDpack Basic and Ampoule Front Pockets

Large ampoule case with extensive storage space

Choice of three ampoule rail systems

Divider with spacious mesh pockets

Application example

AEROcase®

Modular Bag Sets for MEDpacks

EMS

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

The variants

- Modular Bag Set “Standard” with hook-and-loop / magnet
- Modular Bag Set “Oxygen Accessory”, with hook-and-loop / magnet
- Modular Bag Set “Accessory Front”, with hook-and-loop

Application example

AEROcase®

Modular Bag Set Standard

EMS

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

Colour	Hook-and-loop system	Magnetic system
Container - Red	Size L	Grid 1 x 4
Container - Luminous Yellow	Size L	Grid 1 x 4
Container - Blue	Size L	Grid 1 x 4
Container - Grey	Size XL	Grid 4 x 1

Variant with magnets

Variant with hook-and-loop



AEROcase®

Optional Modular Bag Set Oxygen Accessory

EMS

An optional accessory set for accommodating your oxygen cylinder can be ordered, which replaces a standard modular bag in sizes L and XL.

Colour	Hook-and-loop system	Magnetic system
Container - Blue	Size S	Grid 1 x 1
Sauerstoff-Modul - Blue	Size XXL	Grid 1 x 5

Variant with magnets

Variant with hook-and-loop

AEROcase®

Optional Modular Bag Set Front Pocket Accessory

EMS

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

Colour	Hook-and-loop system
Container - Grey	Size M
Container - Grey	Size M





New Standard Colour – Luminous Red (RAL 3024)

WEARBAG | RPL1C | RBS1 | RBM1 | RBL1



Our proven clothing bag of the EMS+ series as well as the emergency backpack and emergency bags of the First Responder series are now available in Luminous Red! These eye-catching companions ensure maximum visibility and safety in critical situations.

Now available



Diagnostic Lamp

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

- Ideal everyday companion in hospital, practice and emergency medical service
- Illuminance: 4.8 lumen (lm)
- Colour temperature: 3200 Kelvin (K) – warm white light
- Replaceable light source
- Consisting of diagnostic light, spring clip, LED lamp, 2 batteries (type 1.5 V AAA)

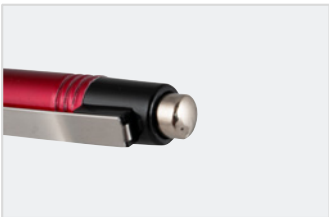
Now available



Further information at a glance!



Suitable for eye diagnostics



Push-button on / off mechanism



Ideal for the lab coat pocket, thanks to clip fastening



Application example

Stethoscopes – Single Head and Dual Head

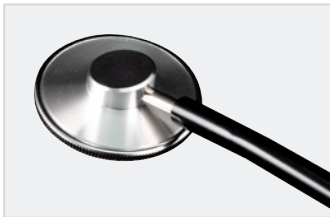
Single head stethoscope for indirect listening of the internal organs, especially of the heart and lung, ideal for quick and frequent use. Very good sound transmission, robust workmanship, durable and latex-free. Additional variant available as a dual head stethoscope, suitable for multifunctional use and daily application. Lightweight and robust model, with high acoustic quality thanks to the ultra-sensitive membrane for transmitting high frequencies and isolating low frequencies.

- Reusable, suitable for adults
- Easy to use
- Robust and solid workmanship, particularly durable
- Very good sound transmission due to PVC tubing
- Also for use with a sphygmomanometer, such as the AEROcheck® – Aneroid Sphygmomanometers

Now available



Further information at a glance!



Single head stethoscope



Dual head stethoscope



Application example



Neurological Reflex Hammer

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

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

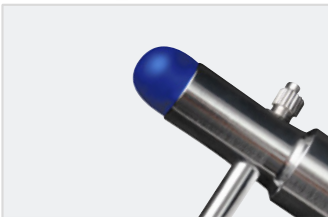
Now available



Further information at a glance!



With unscrewable additional instruments



Small rubber tip for eliciting reflexes in the tendons of flexor muscles



Large rubber tip for the large tendons of extensor muscles



Application example



# AERObag®

## Manual Resuscitator Sets | SEBS

### NEW QUALITY IN THE SINGLE-USE SECTOR

- High-quality SEBS manual resuscitators, available as a set: consisting of resuscitator, up to 3 PVC resuscitation masks as well as reservoir bag and 2 m oxygen safety tubing. Available sets for adults, children and infants. Supplied in a carrying bag, with individually packed components.
- High-quality and environmentally friendly SEBS material
- Biocompatible: skin-friendly, without causing allergic reactions
- Flexible and elastic – with high tear resistance
- Excellent ozone and weather resistance
- Latex- and phthalate-free components (only the O<sub>2</sub> tubing contains PHT / DINP)
- Easy handling and secure hold thanks to the easy-to-grip surface structure
- Precision-fit connectors in accordance with DIN EN ISO 5356
- With rotatable patient connection cone, pressure relief valve, all-in-one intake valve - with integrated reservoir valve and separate connection for 6 mm oxygen tubings
- Powerful, user-friendly and patient-orientated as well as robust – even under the toughest operating conditions combined with a high level of ease of use
- Very responsive bag with minimal mechanical resistance

Now available



A complete overview of all manual resuscitator sets can be found here!



All connections acc. to DIN EN ISO 5356



Different mask sizes available



Application example



## Our Business Unit Textile Technology

In addition to medical technology, another key focus lies in textile technology. Our manufacturing facility in Bielefeld has been in existence since 2012, is now fully part of HUM and stands for high quality bags and transport cases “Made in Germany”. As an OEM service provider and technology consultant for technical textile systems, we provide customized solutions beyond the well-known AEROcase® – Emergency Backpacks and Bags. We are proud to have established ourselves as a major player in the industry and look forward to setting new standards together with you.

### Our Expertise

We offer innovative solutions in the following areas:

- Industrial:** High-performance textiles for industrial applications
- Tactical:** Durable and high-performance textiles for tactical requirements
- Lifestyle:** Modern and sustainable textile solutions for everyday life

### Our Added Value

With our extensive experience, we work with you to develop customized solutions that are perfectly tailored to your individual needs. Our expertise includes:

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

### Our Brand

AEROt看® stands for a high level of expertise and various materials that fulfil your quality requirements. Below you will find an overview of the characteristics and special features of the materials we use.

- AEROt看® – PLAN<sup>PRO</sup>:** Suitable for extremely robust and durable bags
- AEROt看® – PLAN:** For robust and weather-resistant models
- AEROt看® – DURA:** Particularly lightweight and hard-wearing variants made of nylon
- AEROt看® – PES:** Known for durability and UV resistance



## About us

### HUM Gesellschaft für Homecare und Medizintechnik mbH

Our company history began in December 1995 and today’s company **HUM Gesellschaft für Homecare und Medizintechnik mbH** was born from an idea and a clear concept.

The corporate concept was then as now very simple: “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 become an established name in **Medical Technology**, both nationally and internationally, and a leading provider in the areas of Homecare, Emergency Medical Service, Hospital and Tactical.

We have also repositioned ourselves in **Textile Technology** since the collaboration in 2015 and the merger in 2024 with our former subsidiary RENOSTER. In addition to our own German-European production facilities in Bielefeld and Sf. Gheorge for our Emergency and Transport Cases & Co., we have also established ourselves as an OEM service provider and technology consultant for technical textile systems, in the areas of Industrial, Tactical and Lifestyle.

Following our slogans “**Systems for Life®**” and “**Textiles for Life**”, we are constantly developing our portfolio with innovative products and solutions from which the patient and user 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 and textile technology applications.**

AERObag®

AEROpart®

AEROWay®

AEROtreat®

AEROtube®

AEROsuc®

AEROvent®

AEROuse

AEROcheck®

AEROresc®

AEROCASE®

AEROprotective®

AEROfusion

AEROtex®

Our Brands

HUM’s Brands: Competence with a Name



#### Legal Notice

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Systems for Life®

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Neuheiten\_EN



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