

Quality - Made in Germany



HEROTM

HIGHLY EFFICIENT RESISTANT OPTIMIZED

TACTICAL EQUIPMENT FOR MOBILE HOSPITALS

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THIS CATALOG IS ALSO
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hp-technology-group.com





THE HERO

CONCEPT

TACTICAL EQUIPMENT –
SPECIFICALLY DESIGNED
FOR MEDICAL UNITS AND
RESCUE TEAMS!

NO COMPROMISES IN THE FIELD

Modern military medicine increasingly requires medical devices and healthcare equipment with exceptional capabilities: rapidly deployable, highly robust, mobile in operation, and reliably effective even under the harshest conditions.

At the same time, operational medical equipment must meet the highest standards of hygiene, safety, and efficiency.

To meet these demands, military medicine — just like other military sectors — requires specialized equipment engineered for the realities of modern deployment scenarios.

This is exactly what HERO products stand for: Highly Efficient. Resistant. Optimized.

WHAT ARE HERO PRODUCTS?

The HERO-Edition represents highly specialized system variants of selected, field-proven products.

These solutions have been specifically:

- optimized for operational use in field hospitals and emergency response missions,
- adapted to the requirements of modern military and operational forces,
- and precisely designed for the unique challenges of war zones, crisis areas, and disaster environments.





The focus is not on a single standardized technical solution, but rather on the targeted advancement of proven products through specific modifications in engineering, design, and manufacturing. Depending on the product or system, these enhancements are reflected in different operational capabilities, including:

- sophisticated transport and logistics concepts
- exceptionally space-saving designs
- rapid, tool-free deployment and commissioning
- reduced resource requirements, such as air-cooling instead of water-dependent systems or particularly low power consumption
- highly durable and resistant construction
- and additional mission-specific optimizations

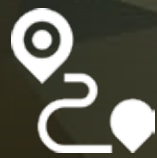
Accessories, handling, and the overall system environment are also carefully coordinated to ensure smooth and reliable operation even under the most demanding conditions.

TESTED, PROVEN AND CERTIFIED

Developed and tested over many years together with partners from the military and international humanitarian organizations, all HERO products naturally comply with established military standards and carry the required certifications.

WHAT IT TAKES TO BE A HERO PRODUCT

- Transportability: tested on transport routes of up to 1,500 km by truck across various terrain and surface conditions in accordance with STANAG 4370 (AECTP 240) and MIL-STD 810.
- Stress resistance: verified functionality after exposure to extreme physical stress conditions, including G-force testing.
- Climate chamber testing: proven operational capability under extreme temperatures (-19 °C to +71 °C) and high humidity conditions in accordance with AECTP 200/230.
- High mobility: repeated assembly and disassembly under a wide variety of environmental conditions.
- Operational flexibility: suitable for deployment in tent- and container-based medical facilities, as well as in buildings, underground facilities, and aboard military vessels.
- Resource-efficient operation: reliable performance even with limited water supply or unstable power infrastructure.
- Certification: compliant with NATO quality standard AQAP 2110.
- Operational field testing: successful real-world deployment testing as a prerequisite for final approval by the expert teams of the respective military force or organization.



HIGHLY MOBILE
DEPLOYMENT



SPECIALIZED
PACKAGING
CONCEPT



MODULAR &
FLEXIBLE IN USE



FOR ALL CLIMATE
ZONES & WEATHER
CONDITIONS



ULTRA-COMPACT
FOR DEPLOYMENT IN
CONFINED SPACES



PROFESSIONAL
TRANSPORT
SOLUTIONS



RELIABLE
& LOW-
MAINTENANCE



CERTIFIED TO
MILITARY STANDARDS

IN COOPERATION WITH

BREMEDIC

DR.MACH

ENVIROFALK

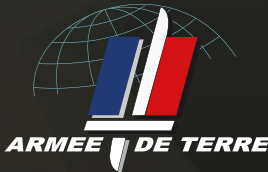
HALLO

matachana

RHEINMETALL



TRUSTED BY



BELGIAN
ARMED FORCES



CZECH
ARMED FORCES



AUSTRIAN
ARMED FORCES



DEFENCE FORCES
OF GEORGIA



ITALIAN ARMED
FORCES

PROVEN IN THE FIELD

Tactical healthcare equipment must perform reliably not only under standard operating conditions, but especially where it matters most: in environments without available infrastructure and without fallback solutions.

Numerous HERO solutions have already successfully proven their capabilities under real operational conditions, including in:



Afghanistan



Burundi



El Salvador



Indonesia



Iraq



Kosovo



Mali



Ukraine





I'M A HERO™

HIGHLY EFFICIENT RESISTANT OPTIMIZED



Smaller, lighter & more mobile — without compromising performance



Minimal water consumption thanks to air-cooled recirculation cooling



Suitable and tested for all climate zones



Certified to military standards

STERILIZER 65

HERO-EDITION

The most compact high-performance sterilizer in its class





COMPACT, FLEXIBLE AND
DEPLOYED WORLDWIDE

The STERILIZER 65 HERO-EDITION is designed for the most demanding international missions and stringent logistical requirements:

Compact dimensions and a reusable aluminum transport and storage container (TuLB) ensure safe transport by land, air, and sea – as well as reliable operation in crisis, conflict, and deployment zones worldwide.

Technical Data (650002)		
Chamber dimensions (WxDxH)	(mm)	326 x 625 x 326
External dimensions (WxDxH)	(mm)	480 x 950 x 700
Chamber volume	(L)	66.25
Usable space (1 StU = L/W/H 600/300/300)	(StE)	1
Weight	(kg)	130
Max. operating temperature	(°C)	138
Max. operating overpressure / vacuum	(bar)	3.0/ -1.0
Fractionated pre-vacuum	(kPa)	8/8/8
Steam generator (total volume)	(L)	6

Consumables/Requirements		
Power supply	(V/Hz)	3N-400 / 50
Total power/Heating capacity	(kW)	9.0 / 7.5
Compressed air		integrated
Feed water tank	(L)	6
Loading capacity		
Instruments	(kg)	25
Packaged hollow devices	(kg)	8
Textiles	(kg)	8

EQUIPMENT OPTIONS

Available product variants	STERILIZER 65 HERO-EDITION in TuLB	STERILIZER 65 HERO-EDITION ATF	STERILIZER 65 HERO-EDITION	HERO COOLER
Product-Nr.	650000	650001	650002	650010
Description	Large steam sterilizer with a base frame, packaged in a reusable lightweight aluminum transport and storage container (TuLB)	Large steam sterilizer with comprehensive protective frame, allowing the devices to be stacked	Large steam sterilizer, 1 StU in accordance with DIN EN 285 basic unit	Recirculation condenser supplying the vacuum pump of the sterilizer with cold operating medium
Weight	With box and accessories: 180 kg	With frame: 140 kg	130 kg	
HERO COOLER	*	*	**	
* recommended for mobile deployment concepts ** can be used optionally; the vacuum pump can also be supplied via a fixed mains water connection.				

PERMANENT OPERATIONAL
READINESS

Fully validatable in accordance with DIN EN ISO 17665-1, the system offers standardized programs for:

- Packaged and unpackaged instruments and textiles
- Vacuum test, empty cycle, and BOWIE & DICK test

An integrated preheating program ensures continuous operational readiness in standby mode.

For mobile use, an additional automatic drainage program is available – ensuring safe transport under challenging climatic conditions.



STERILIZER 65 HERO-EDITION

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INTEGRATED PRINTER

An integrated printer automatically documents every cycle – supported by dual sensor technology for process monitoring. Reports in German, English, or French serve as legally compliant proof of successful sterilization.

RELIABLE OPERATION

The integrated 7" TouchControl color display is IP65 (front) certified according to EN 60529, providing protection against dust and water jets – ideal for every scenario.



ALL ADVANTAGES AT A GLANCE:

THE WORLD'S LIGHTEST DEVICE OF ITS KIND

Lightweight and compact design with maximum performance – the STERILIZER 65 HERO-EDITION was specifically developed for self-sufficient use under extreme conditions.

MINIMAL WATER CONSUMPTION THANKS TO INNOVATIVE DESIGN

The air-cooled mobile recirculation condenser minimizes cooling water usage. Its spacesaving construction combines high system efficiency with maximum operational flexibility, enabling resource-friendly operation with minimal infrastructure requirements.

SHORT CYCLE TIMES

Optimized cycle times ensure maximum efficiency without compromising safety or quality. Time and resources are used to their fullest potential, while all processes remain stable and under control.

ROBUST, RELIABLE AND LOW-MAINTENANCE

Built for reliable operation: the well-thought-out design guarantees consistently high steam quality, long service life, and hygienically flawless results – with minimal maintenance effort.

LARGE CAPACITY IN A COMPACT DESIGN

With a usable volume of 65 liters and practical transport solutions, the STERILIZER 65 HERO-EDITION is globally deployable – compact, mobile and reliable.

SUITABLE FOR ALL CLIMATE ZONES

The STERILIZER 65 HERO-EDITION is specifically designed for mobile deployment in all climate zones. Its robust internal construction ensures reliable operation even under fluctuating environmental conditions.

An automatic drainage program empties all water-carrying components, and in combination with the reusable transport and storage container, provides frost protection – enabling safe transport and easy storage even at extreme temperatures.

EFFICIENT IN CONSUMPTION AND INDEPENDENT IN USE

With minimal power and demineralized water requirements, and the option of an air-cooled recirculation condenser, operation is possible even without an external cooling water supply – perfect for sites with limited infrastructure.

CERTIFIED TO CIVIL AND MILITARY STANDARDS

Approved as a medical device in accordance with (EU) 2017/745 (MDR), the STERILIZER 65 HERO-EDITION also complies with the Pressure Equipment Directive 2014/68/EU and DIN EN 285.

Testing to NATO STANAG 4370 confirms the resilience of the class B autoclave to temperature, humidity, vibration, dust, and transport stress.



I'M A HEROTM
HIGHLY EFFICIENT RESISTANT OPTIMIZED



Transportable in just
one transport case



Suitable and tested for
all climate zones



Certified to military
standards



Integrated
printer

STERILIZER 25

HERO-EDITION

Specifically developed for maritime deployment
– autonomous operation even under the most
demanding conditions





PRODUCT ADVANTAGES

The STERILIZER 25 HERO-EDITION features extremely compact dimensions, making it ideal for safe transport and storage during air or sea transit. It is housed in a reusable aluminum transport and storage container (TuLB – hood container), ensuring durability even under rough handling.

Designed with resource efficiency in mind, the STERILIZER 25 HERO-EDITION consumes minimal electricity and demineralized water. Its air-cooled steam condenser eliminates the need for cooling water.

INTEGRATED PRINTER

- Independent cycle documentation achieved through dual measurement sensors for process control and independent monitoring
- Multilingual reports available in German, English, or French
- The documentation serves as evidence of successful sterilization during the production of medical devices

Technical data		
Chamber dimensions (ØxD)	(mm)	250 x 490
External dimensions (WxTxH)	(mm)	380 x 680 x 520
Capacity	(L)	25
Weight	(kg)	80
Loading height above table	(mm)	85
Steam generator (water/total volume)	(L)	1.5 / 3.0
Simple or fractionated pre-vacuum	(kPa)	from 7
Max. operating temperature	(°C)	138
Max. operating pressure/vacuum (abs.)	(bar)	0 - 4.0
Bowie&Dick-Test	(kPa)	7/20/20

Consumables/Requirements		
Mains voltage	(V/Hz)	230/60
Power consumption / Heating power	(kW)	3.5 / 3.0
Compressed air		integrated
Feed water tank	(L)	7
Electrical power consumption*	(kWh)	0.4 / 1.4
Feed water, fully demineralized*	(L)	0.3 / 0.8
*Consumption for empty cycle / at full load		

Loading capacity		
Instruments	(kg)	6
Packaged hollow devices	(kg)	2.5
Textiles	(kg)	2.5

PRODUCT FEATURES

- Usable volume 25 liters
- 7" TouchControl color display
- Control protection rating IP65 (front) in accordance with EN 60529
- Feed water conductivity monitoring
- Minimal use of resources (electricity, water)
- Short cycle times are optimized for maximum process safety and efficiency
- Lightweight design
- Autonomous Operation designed for challenging external conditions and lack of infrastructure
- Long service life, maintenance-friendly





CONFIGURATION VARIANTS

The STERILIZER 25 HERO-EDITION is available in various configurations:

- as a stand-alone model with an air-cooled steam condenser and a fixed device base to hold the condensate container
- with a stainless steel base cabinet, featuring a mount for the integrated condensate container and drawers for accessory storage
- sterile containers and wire baskets customized to customer specifications.
- test bodies for air removal control and batch monitoring.

ALL ADVANTAGES AT A GLANCE:

VALIDATED STERILIZATION AND TEST PROGRAMS

The STERILIZER 25 HERO-EDITION is fully validatable in accordance with DIN EN ISO 17665-1. Following a daily routine check, the preheating program ensures constant operational readiness (standby mode).

- For unpackaged instruments
- For packaged instruments and textiles
- Vacuum test and empty cycle
- BOWIE & DICK test
- Cleaning program for the steam generator

VACUUM FOR AIR REMOVAL AND DRYING

A powerful vacuum pump removes residual air and moisture from the sterilized items. The large diameter of the line to the pump ensures short vacuum phases and an efficient drying process.

DESIGN

- designed and prepared for operation in various climate zones
- internal design specifically configured for mobile deployment
- an automatic program fully drains all water-carrying components
- in combination with the transport and storage container, this ensures frost protection and enables transport and storage under extreme and challenging climatic conditions

EXTREMELY HIGH HYGIENE STANDARD

- Large steam-sterilizable filter cartridge for sterile ventilation
- Display indicator for sterilization filter replacement
- Wide drip tray beneath the door collects condensate and can be removed for cleaning
- Membrane keypad with completely flat, washable surfaces, including the printer cover

CERTIFIED TO CIVIL AND MILITARY STANDARDS

The STERILIZER 25 HERO-EDITION is certified as a medical device in compliance with MDR. It meets the requirements of DIN EN 13060 and the international military standard STANAG 4370 NATO Standardization Office (NSO) - Environmental Testing and fulfills the construction regulation BV 0052 for watercraft of the German Armed Forces „environmental conditions for systems and equipment on ships of the German navy“ (BAAINBw).



I'M A HEROTM
HIGHLY EFFICIENT RESISTANT OPTIMIZED



Autonomous water
supply and disposal



Contactless operation
via foot pedal



Integrated hot water
generation



For deployment in
extreme climate zones

HANDWASHER

HERO-EDITION

Designed to meet the highest hygiene standards
even under extreme operational conditions

IN COOPERATION WITH



RHEINMETALL





SMART DESIGN AND EQUIPMENT

The hand-washing station is delivered fully assembled and features integrated dispensers for soap and disinfectant. Two collection trays within the base frame, along with removable splash guards, ensure clean and reliable operation. Water dispensing is controlled via foot pedal.

ALL ADVANTAGES AT A GLANCE:

CONTACTLESS HYGIENE

The autonomous hand-washing station enables thorough cleaning and disinfection of hands and forearms without direct contact with fittings or controls. This significantly reduces the risk of cross-contamination while meeting demanding medical hygiene standards.

DEPLOYMENT AREAS & FLEXIBILITY

The system is specifically designed for mobile medical units and disaster response operations. It can be deployed in containers, permanent facilities, or tent-based environments and is suitable for a wide range of climatic conditions. Thanks to its robust construction, the unit remains reliably operational even under demanding field conditions.

AUTONOMOUS WATER SUPPLY

Fresh water supply and wastewater disposal are managed via integrated canisters, each with a capacity of 20 liters. This eliminates the need for external connections. Additional canisters allow for extended water storage capacity.

As a result, the system operates fully independently from existing infrastructure and can be deployed flexibly in almost any location.

AUTOMATIC TEMPERATURE CONTROL

The system automatically provides temperature-controlled water. An integrated instantaneous water heater regulates both water temperature and flow rate. The temperature can be individually preset. This ensures consistent water quality while enhancing both user comfort and operational safety.

EFFICIENCY & RESOURCE CONSERVATION

With a water consumption of approximately 1.7 liters per minute, the unit operates with exceptional efficiency. Its compact design and low weight simplify transport and setup. Short pipe routes, small cross-sections, and the avoidance of dead spaces additionally contribute to a high hygiene standard while minimizing maintenance requirements.

Environmental and storage conditions	
During operation	Temperature: +5 °C to +40 °C at max. 80% humidity
During storage	Temperature: +5 °C to +70 °C at max. 95% humidity
Frost-protected and drained condition	Temperature: -40 °C to +70 °C at max. 95% humidity

Technical data		
Weight	kg	75
Dimensions (D x W x H)	(mm)	400 x 528 x 1400
Working height (top edge of sink)	(mm)	893
Sink dimensions (D x W x H)	(mm)	240 x 340 x 150
Input voltage	VAC	230
Rated current	A	16
Rated power	kW	3.5
Mains frequency	Hz	50 – 60
Housing / frame / sink material	Stainless steel 1.4301	
Water canister material	Polyethylene (PE)	
Water consumption	l/min.	Ø 1.5 – 2.0
Water supply	20 L fresh water canister	



I'M A HEROTM
HIGHLY EFFICIENT RESISTANT OPTIMIZED



Packaging in
confined spaces



Fully validatable sealing
process



Intuitive operation via
5" TouchControl color
display



Integrated printer for
minimal operational
effort

ECOPAK SEALER

HERO-EDITION

For easy, precise and efficient packaging in
confined spaces

IN COOPERATION WITH **halwa**





EXTENSIVE RANGE OF ACCESSORIES

The roller table and trimming device are included as standard in the HERO-Edition. Both components are designed to fit neatly into the box for transport and can be stowed away quickly and compactly.

ALL ADVANTAGES AT A GLANCE:

VALIDATABLE ACCORDING TO ISO 11607-2
ECOPAK SEALER HERO-EDITION monitors all three process variables (temperature, contact pressure and dwell time/speed) and thus enables a fully validatable sealing process.

CONNECTING HAS NEVER BEEN EASIER
The new model features an impressive range of interfaces:

- 2 x RS232, 2 x USB A,
- 1 x Ethernet and Wi-Fi.

For a perfect integration into your workflows.

BIG 5" TOUCHSCREEN
offers intuitive operation.

INTEGRATED PRINTER
ECOPAK SEALER HERO-EDITION enables direct marking on the porous side of the packaging material – without additional labeling effort.

Sealing materials	
Sealable paper bags according to EN ISO 11607-1/EN 868-4	
Sealable pouches and reels according to EN ISO 11607-1/EN 868-5 made of film and paper according to EN 868-3	
Sealable pouches and reels according to EN ISO 11607-1/ EN 868-5 made of film and uncoated polyolefin materials according to EN 868-9 (e.g. Tyvek®1)	
Sealable pouches and reels according to EN ISO 11607-1/ EN 868-5 made of PP fleece or PP nonwoven (Approval and/or tests required.)	
1 Tyvek® is a registered trademark of E.I. du Pont de Nemours.	

Technical data	
Conformity	EN ISO 11607-2, CEN ISO/TS 16775
CE marking	Yes
Display	5" Touchscreen
Sealing temperature	max. 210 °C (monitored)
Sealing speed (dwell)	5 - 13 m/min
Contact Pressure	100 N (fixed, monitored)
Switch-off tolerance +/- 5 °C (DIN 58953-7)	Yes (adjustable 2 - 5 °C)
Seal distance from the edge	0 - 35 mm
Seal seam width	12 mm
Sealing system	SealPEAK
Piece counter	Yes
Automatic start	Yes
Stand-By	Yes
DataMatic (USB data recording)	Yes
Internal printer	Yes
PC interfaces	2 x RS232, 2 x USB A, 1 x Ethernet, WLAN
Mains connection	100 - 240 V, 50/60 Hz
Power consumption combined	67,5 - 90 W ⁴
Power consumption in normal operation	27 - 32 W ⁵
Dimensions W x D x H	510 x 255 x 155 mm
Dimensions W x D x H (incl. infeed plate)	610 x 255 x 155 mm
Weight	15.0 kg
Housing	Stainless steel AISI 304 painted
⁴ Depending on temperature setting; may vary during heat-up phase (280.08 W max.)	
⁵ Depending on temperature setting; „normal operation“ assumes 25% operating mode and 75% Standby+ mode	



I'M A HERO™

HIGHLY EFFICIENT RESISTANT OPTIMIZED



Lightweight, mobile,
and modular



Battery runtime of
up to 55 hours



Fully assembled in
under 15 minutes



Can be assembled
by a single person



Robust, shock- and
impact-resistant

LIGHT LED150

HERO-EDITION

For when time, light, and power
are in short supply

IN COOPERATION WITH **DR.MACH**





THE IDEAL MOBILE UNIT

Stable, reliable and easy to use. When it comes to quick and hassle-free set-up, the LIGHT LED150 HERO-EDITION battery stand offers the perfect solution. It is easy to transport, quick to connect and ready to use without any complicated installation.

MAXIMUM FLEXIBILITY

The battery stand offers the ideal solution when maximum flexibility is required. Thanks to a special base design with four smooth-running castors, it is mobile whilst providing a stable footing. The robust high-performance battery, which is fixed to the base of the stand, ensures a reliable supply of medical lighting for up to 55 hours without an external power supply.



THE RIGHT STRATEGY FOR EVERY ASSIGNMENT

The LIGHT LED150 HERO-EDITION with battery power supply has been specially developed for emergency situations. For situations where, despite the most challenging circumstances, everything must function:

- military field hospitals
- mobile medical stations
- rapid care in crisis zones
- medical care in extreme environments

Wherever medical assistance is required but no fixed power source or permanent installation is possible, it provides sufficient lighting for operations, procedures and treatments of all kinds.

Technical data	
Light intensity	130,000 Lux
Light field size	16 – 23 cm
Colour temperature	4,500 Kelvin
Sterilisable handle	Yes
Battery running time	7 - 55 hours
Charging time	2.5 hours
Interchangeable battery	Yes
Input voltage	100 – 240 V AC
Output voltage	24 V DC
Frequency	50/60 Hz

A PORTABLE POWERHOUSE
With 130,000 lux, the LIGHT LED 150FP delivers high light intensity and an adjustable light beam of up to 23 cm.

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MOBILE REPROCESSING UNIT FOR MEDICAL DEVICES

HERO-EDITION

CSSD mobility redefined –
rapidly deployable, resource-efficient,
and fully autonomous in operation

I'M A HEROTM
HIGHLY EFFICIENT RESISTANT OPTIMIZED



Smallest configuration
assembled in just 2 hours
(plus validation)



Optimized for worldwide
transport by land, air, and
sea



Fully customizable
modular system



Certified for deployment
in all climate zones





SEALER

The validatable continuous band sealer enables compliant and process-reliable packaging at any deployment location. It continuously monitors temperature, contact pressure, and sealing speed to ensure consistent sealing quality. Delivered in a compact transport case, the unit is ready for immediate deployment — including printer, roll holder table, cutting device, and spare parts.



MATACHANA WASHER LD60

The compact undercounter unit is perfectly matched to the STERILIZER 65 HERO-EDITION and enables validated reprocessing of up to 7 DIN instrument trays per cycle. Its hot-air drying system with H14 HEPA filtration helps prevent contamination and ensures reliable drying performance. Weighing only 72 kg, the unit is lightweight and can be transported directly in TuLB systems.

CLEANER

The cabinet system combines integrated water management with a wastewater lifting unit and pull-out ion exchanger system for highly efficient workflows. A compact ultrasonic cleaning basin can optionally be integrated. Its lightweight aluminum cladding significantly reduces overall system weight. Water treatment is performed via ion exchange technology, enabling water-efficient, low-maintenance, and highly reliable operation.

Additional options:

- Reverse osmosis module for long-term operation
- Foldable fresh water and wastewater tanks for fully autonomous use
- Pre-filtration module for operation with untreated water of river-water quality

STERILIZER 65

The world's lightest device in its class forms the core of modern sterilization modules. Weighing only approx. 130 kg, it is significantly lighter than comparable systems. Its autonomous operation requires only around 2 liters of demineralized water per cycle and enables a throughput of up to 20 StU per day with a cycle time of approximately one hour.



COOLER

The autonomous cooling water supply enables operation without local water infrastructure and works within a closed-loop system. Compared to conventional systems, it saves up to 150 liters of water per hour. With only approx. 40 liters required for up to 14 days of continuous operation, the system offers highly efficient performance and is immediately ready for use with the STERILIZER 65 HERO-EDITION via plug-and-play connection.

LET'S PLAN YOUR CSSD TOGETHER: FULL FLEXIBILITY WITH A MODULAR SYSTEM

We develop a tailor-made solution precisely aligned with your requirements and operational needs — fast, non-binding, and accurately calculated.



WATER & SUPPLY

- Water connection or tank supply
- Demineralized water treatment via ion exchanger (optional reverse osmosis module)
- Optional pre-filtration module

SCALABILITY

- Up to 6 washer-disinfectors and 4 sterilizers
- Connection to MSE sterilization module
- Capacity expansion of the reprocessing center
- Modular design / building-block system

QUALITY & RELIABILITY

- Compliant with applicable standards
- Meets military standards (climate chamber testing, WTD 41)
- Low-maintenance and robust

RESOURCE EFFICIENCY

- Resource-optimized operation
- Autonomous operation possible via fresh water and wastewater tanks (bottled water operation)

WEIGHT & TRANSPORT

- Low weight and reduced transport volume
- Minimum configuration transportable in 6–8 cases
- Dual use of transport cases as base frames and storage cabinets within container systems

SETUP & DEPLOYMENT

- Ready for operation within 1–2 hours (excluding validation)
- Deployment possible in tents, basements, and similar environments
- Autonomous system operation wherever possible
- Flexible modular building-block system tailored to each deployment scenario

MINIMUM CONFIGURATION: 1 CLEANER & 1 STERILIZER ON 4 × 4 M

Case 1: CLEANER HERO-EDITION

Case 2: 2 tables & 4 ion exchanger cartridges

Case 3: Matachana LD60 washer-disinfector

Case 4: STERILIZER 65 HERO-EDITION

Case 5: COOLER HERO-EDITION

Case 6: Electrical distribution/Consumables

OPTIONAL ADD-ON EQUIPMENT

- Fresh water tank with submersible pump
- Pre-treatment module for untreated water without drinking-water quality
- Reverse osmosis module
- Ecopak SEALER HERO-EDITION & consumables
- Wastewater tank



YOUR HEROTM

HIGHLY EFFICIENT RESISTANT OPTIMIZED

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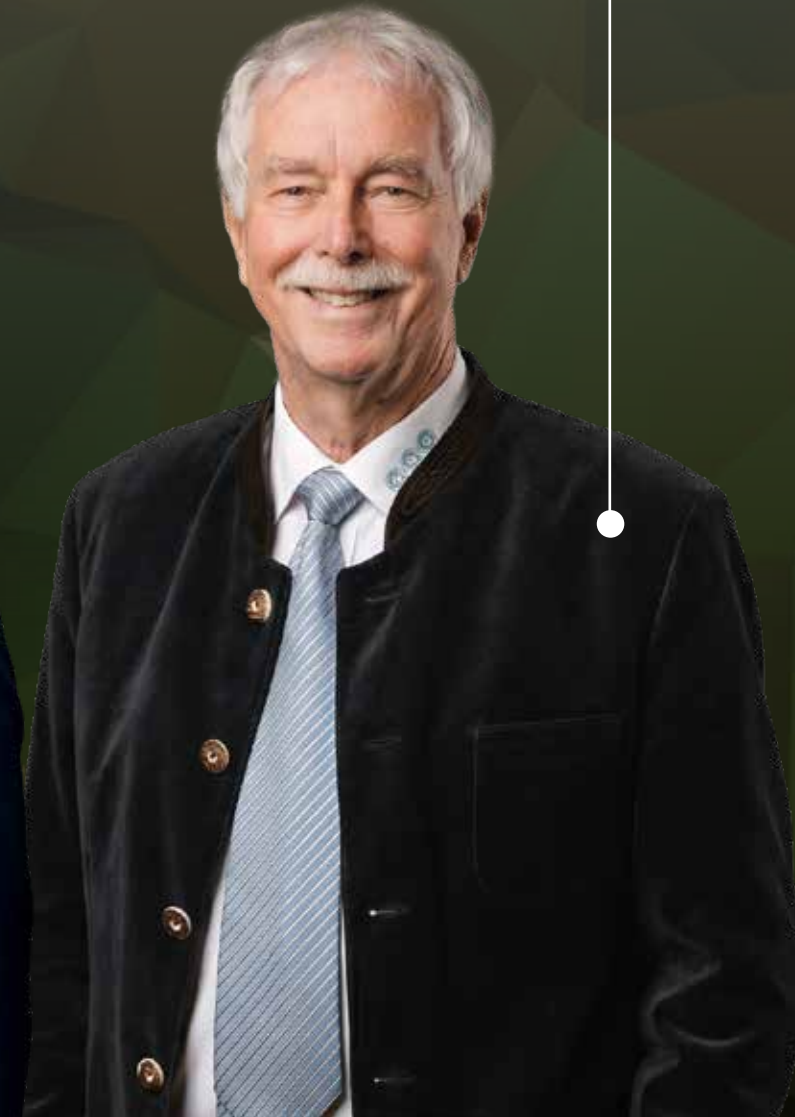


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FOUNDER & ADVISOR





For more than 50 years, HP Technology Group has been developing and manufacturing medical devices and healthcare equipment “Made in Germany,” working closely with national armed forces as well as international rescue and humanitarian organizations.

Thanks to its four specialized subsidiaries, the group of companies covers the entire manufacturing process in-house — from engineering and production to certification of the final specialized solution. The result: fully integrated solutions from a single source, developed for maximum compatibility and the highest quality standards.



HP MEDIZINTECHNIK

MOBILE REPROCESSING OF MEDICAL DEVICES

HP Medizintechnik is one of the leading German-speaking providers in the development and manufacturing of high-quality laboratory, analytical, and medical technology equipment.

Based in Oberschleißheim near Munich, the long-established company combines high-performance technology with maximum hygiene safety and operational flexibility for field deployment.



HP LABORTECHNIK

STEAM STERILIZERS OF THE HIGHEST QUALITY

For more than four decades, the company has been developing and manufacturing steam sterilizers under the VARIOKLAV® brand. Today, these systems are among the best-selling sterilizers in Germany.

In addition, HP Labortechnik also offers maintenance and repair services for all devices by HP Technology Group.



BIOTECHNIK

STAINLESS STEEL COMPONENTS MANUFACTURED IN-HOUSE

Since 1991, the company has been synonymous with high-quality stainless steel fabrication and certified quality: sheets, profiles and tubes, particularly for applications in accordance with the European Pressure Equipment Directive 2014/68/EU. These components are manufactured specifically for applications in the healthcare sector and form the basis of all the group’s specialist solutions.



HP MED CONSULTING

EXPERTS IN MEDICAL DEVICE APPROVAL

HP Med Consulting is a consulting company specialized in regulatory affairs and compliance within the healthcare sector. Its team of experienced experts and medical technology professionals primarily advises and supports medium-sized companies and startups in obtaining market approval for their medical devices.

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FOR WHEN IT MATTERS MOST.



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