HERO™
HIGHLY EFFICIENT RESISTANT OPTIMIZED

HP MEDIZINTECHNIK

HERO STERILIZER 65

The most compact high-performance sterilizer in its class



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Product advantages at a glance

THE WORLD'S LIGHTEST DEVICE OF ITS KIND

Lightweight and compact design with maximum performance – the HERO STERILIZER 65 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 space-saving construction combines high system efficiency with maximum operational flexibility, enabling resource-friendly operation with minimal infrastructure requirements.

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.



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 HERO STERILIZER 65 is globally deployable – compact, mobile and reliable.



Loading capacity		
Instruments	(kg)	*)
Packaged hollow devices	(kg)	25
Textiles	(kg)	25
*) according to validation result		

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.

COMPACT, FLEXIBLE AND DEPLOYED WORLDWIDE

The HERO STERILIZER 65 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.



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.

I'm a HERO™

HIGHLY EFFICIENT RESISTANT OPTIMIZED

CERTIFIED TO CIVIL AND MILITARY STANDARDS

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

Testing to NATO STANAG 4370 confirms its resilience to temperature, humidity, vibration, dust, and transport stress.



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SUITABLE FOR ALL CLIMATE ZONES

The HERO STERILIZER 65 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.



VALIDATED PROGRAMS & 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.

Quality - Made in Germany

HERO STERILIZER 65

Mobile. Robust. Unmatched compactness.

EQUIPMENT OPTIONS

The HERO STERILIZER 65 is available in various product variants:

Available product variants	HERO STERILIZER 65 in TuLB	HERO STERILIZER 65 ATF	HERO STERILIZER 65	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 unit of the sterilizer with cold operating medium
HERO COOLER	*	*	**	

* recommended for mobile deployment concepts
** can be used optionally; the vacuum unit can also be supplied via a fixed mains water connection.



supported & advised by HP MED CONSULTING Regulatory Affairs Experts

Specification (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 mm)	(StE)	1
Weight	(kg)	200
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

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ABOUT US

HP Medizintechnik GmbH develops, manufactures, and distributes equipment for laboratory, analytical, and medical applications.

With more than 50 years of expertise in producing laboratory equipment and medical devices, the company offers an optimized development and manufacturing structure for medical products.

In addition, HP Medizintechnik GmbH has successfully carried out numerous system integrations for the German Armed Forces in the field of “Mobile Reprocessing Units for Medical Devices (CSSD).”

Discover the HERO concept on YouTube!

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HP Medizintechnik GmbH – 50 years of quality and experience in the manufacture of laboratory equipment and medical devices



Sandro Schmalzl, Managing Director of HP Medizintechnik GmbH (on the left) and Dr. Helmut Herz, Founder of HP Medizintechnik GmbH (on the right)

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Unternehmen mit finanziellem Klimabeitrag
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