

SAFE and ECO-FRIENDLY INFECTIOUS WASTE MANAGEMENT

MEDISTER[®] 160 HF-WASTE DECONTAMINATION DEVICE

With the MEDI[®]STER HF-Waste Decontamination Devices infectious waste is sterilized on-site safely, quickly and economically. The result is inactivated, non-hazardous waste material.

The approved and certified MEDI[®]STER waste treatment process provides the following **advantages:**

MAXIMUM TREATMENT RELIABILITY

- The special microwave technology guarantees even heating of the waste – also for inhomogeneous compositions of the waste material
- The heat / the steam is generated directly in the moist or moistened waste

INFECTION PREVENTION

- Collection and decontamination in one and the same MEDITAINER container
- The MEDITAINER Waste Container System protects patients, medical staff and waste disposal personnel from injuries and infections

EASY AND CONVENIENT HANDLING

- Safe and ergonomic Front-Loading System
- Simple installation
- Fully automatic program cycle
- Short cycle times
- Very low noise emission
- Easy operation



ECONOMIC AND ENVIRONMENTALLY SOUND

- No hazardous waste disposal
- Low energy consumption
- Nearly no standby costs
- Low CO₂ emissions (reduced "Carbon Footprint")
- Very low service and maintenance costs
- No chemicals needed
- Reuse of the MEDITAINER waste containers

EXTENSIVE DOCUMENTATION

- Integrated cycle data storage
- Cycle data read-out via USB-interface
- Built-in label printer
- Statistical analysis
- QR-Code Identification system with scanner

LEGAL SECURITY

- Certified and approved treatment process
- On-site treatment → No liability problems
- Transparent documentation

METEKA
GIVES
GERMS
NO
CHANCE

Proven Technology
Tested System Solution
Maximum Safety



MEDI^{STER}® 160

METEKA Hygiene and Infection Prevention System

The METEKA Hygiene and Infection Prevention System is a practice-proven total solution for the management of infectious waste from health care facilities, laboratories, research centres, and production plants.

Collection

Infectious wastes are collected on-site in the puncture-proof, multi-use MEDITAINER waste containers. Using the MEDITRANS transport and collection trolleys the waste collection is carried out "contact-free" by stepping on the foot lever of the trolley. The personnel have both hands free for disposal of the waste. Hence, contaminations with infectious agents are prevented.

Treatment

The waste collected in the MEDITAINER container is transported to the device. With the MEDI^{STER} HF-Waste Decontamination Device the waste is treated in the same container, which was previously used for collection. No infectious waste leaves the point of generation!

Disposal

After the treatment the waste bag with the decontaminated waste is disposed like household waste, the MEDITAINER container is reused.



Highest Quality and Environmental Standards

- ISO 9001:2015
- ISO 14001:2015
- ISO 14040 Life Cycle Assessment
- Environmental Product Declaration in accordance with ISO 14025:2006



KILLED

- All viruses such as Hepatitis A, B, C, HIV, Polio, Ebola, SARS, MERS
- All vegetative germs such as E.coli, staphylococcus, streptococcus, mycobacterium tuberculosis, anthrax, tetanus, cholera and typhus germs
- Spores of the anthrax germs
- All parasites and fungus

The HF-thermal decontamination process is **certified and approved** by many independent institutions such as the Robert-Koch-Institute (Germany).

TECHNICAL DATA	MEDI ^{STER} 160
Decontamination quantity	60 litres
Average cycle time	45 Min.
Main voltage	3x400/230 V, 50 Hz 3x220/110 V, 60 Hz
Dimensions (W x D x H)	1160 x 732 x 1670 mm
Weight	approx. 350 kg
Max. power input	6,5 kW

EQUIPMENT	MEDI ^{STER} 160
Microprocessor controlled decontamination device	Standard
Operation with a touchpanel	Standard
Integrated label printer	Standard
USB interface	Standard
Automatic water addition	Standard
Antimicrobial coating	Standard
Built-in weight scale	Optional
QR-Code Identification	Optional
Closed Cycle System	Optional
Analysing software	Optional

METEKA GmbH

Viktor-Kaplan-Straße 7
8750 Judenburg, Austria
Tel.: (+43) 3572 / 85 1 66
Fax: (+43) 3572 / 85 166-6
E-Mail: info@meteka.com
Web: www.meteka.com

