

SAFE and ECO-FRIENDLY INFECTIOUS WASTE MANAGEMENT

MEDISTER® 60

HF-WASTE DECONTAMINATION DEVICE

With the MEDISTER 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 MEDISTER 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

METEK
GIVES
GERMS
NO
CHANCE

Proven Technology
Tested System Solution
Maximum Safety



MEDI^{STER} 60

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).



Standard design and additional equipment may vary depending on the country of destination. With reservation as to printing errors, deviation of pictures and drawings from the standard design and technical changes. November 2017

| TECHNICAL DATA | MEDI ^{STER} 60 |
|--------------------------|--|
| Decontamination quantity | 30 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 1370 mm |
| Weight | approx. 320 kg |
| Max. power input | 4,2 kW |

| EQUIPMENT | MEDI ^{STER} 60 |
|--|-------------------------|
| 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 |
| RFID User Identification | Optional |
| Analysing software | Optional |
| FTP Download | Optional |
| Fault Transmitter | Optional |

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