

A System Solution for the Disinfection of Infectious Waste

MEDI^{STER}® 20

Desk-Top HF-Waste Disinfection Device

With the MEDI^{STER} Desk-Top HF-Waste Disinfection Devices infectious waste is disinfected on-site safely, quickly, economically and in an environmentally friendly way. The result is inactivated, non-hazardous waste material.



ADVANTAGES

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.

Prevention of Infections

- Collection and disinfection 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

- Simple installation and operation
- Fully automatic program cycle
- Short cycle times

Economic and Environmentally Sound

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

Legal Security

- Certified and approved treatment process
- Cycle documentation by means of an integrated printer
- No liability problems, as the waste is treated directly at the place of generation

PROVEN TECHNOLOGY

TESTED SYSTEM SOLUTIONS

MAXIMUM SAFETY



METEKA

gives germs no chance



METEKA Hygiene and Infection Prevention System

The METEKA Hygiene and Infection Prevention System is a practice-proven complete solution for the management of infectious waste from health care facilities, laboratories or research centres:

- 1** Infectious waste is collected in the puncture-proof **MEDITAINER** waste container which is inserted with a waste bag.
- 2** The waste collected in the **MEDITAINER** container is transported to the disinfection device. With the **MEDISTER HF-Waste Disinfection Device** the waste is treated in the same container, which was previously used for collection. No infectious waste leaves the point of generation!
- 3** After disinfection the waste bag with the disinfected waste is disposed, the **MEDITAINER** container is reused.



1 Waste Collection



2 HF Thermal Disinfection



3 Disposal

KILLED

- All viruses such as Hepatitis A, B, C, HIV, Polio
- 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

Certified and approved disinfection efficacy:

The HF thermal disinfection process reaches the effectiveness range A, B, C (accord. to Robert Koch Institute) or STAATT level III.

It kills resistance stage I – IV germs [reference germ: bacillus atrophaeus (subtilis) spores, reduction rate > 5 log₁₀]

TECHNICAL DATA	MEDI ^{STER} 20
Max. Disinfection Quantity per Cycle	20 litres
Average Cycle Time	45 Min.
Main Voltage	230 V, 50 Hz 220 V, 60 Hz
Max. Power Input	3.2 kW
Dimensions (W x D x H)	830 x 550 x 630 mm
Weight	approx. 95 kg
EQUIPMENT	
Microprocessor controlled Disinfection Device	Standard
Integrated Printer	Standard
Automatic Water Addition	Standard
Automatic Viscit Addition	Standard

With best compliments



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