

Medical Waste Treatment Device



SinTion

The effective and safe solution for the disinfection and sterilization of infectious medical waste from hospitals, clinics and labs.

*Christof
Group*

Features

- Highly efficient disinfection / sterilization by combination of microwaves and saturated steam
- No chemical additives
- No pre-shredding of waste required
- Pre-evacuation phase
- Drying by evacuation
- High throughput (up to 210 liters of waste per hour)
- Automatic printout for documentation

Safety Measures

- Easy and safe operation via modern PLC and operation display
- Error detection and automatic switch-off

Approvals

- Robert Koch Institute (RKI), Berlin
- Austrian Society for Hygiene, Microbiology and Preventive Medicine (ÖGHMP)

Simple Setup – Easy Operation – Safe Effect

SinTion

TECHNICAL DATA

Dimensions and Weight

Dimensions of frame			
Depth	Width	Height	Weight
1120 mm	840 mm	1180 mm	430 kg

Dimensions of disinfection chamber		
Height	Diameter	Volume
650 mm	450 mm	103 l

Connection Requirements

Power		
Power Connection Euro-power Plug	Voltage	Maximum rate of power
400V, 50 (60) Hz, 16 (A) (T)	3P + N + PE (400V)	8.5 kW

Water	
Water supply	Drain connection
3/4"	1"

Drinking water quality, < 1° German Hardness, min. 4.5 bar dynamic pressure, max. 10 bar static pressure
Water softener and booster pump on request

Functional Data

Alternatively disinfection or sterilization	121-134°C
Effectiveness	STAAT Level III, IV; ABCD
Duration of cycle (depending on amount of waste)	10 – 30 min
Power consumption per cycle	~ 1,5 kWh
Number of mw-generators	6

Technical data subject to change without notice.

Producer



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