



Technical specifications medical waste incineration with a capacity of 70kg/h

Safe disposal of microbiological waste

by Christof Systems GmbH

Incinerator



Dimensions and Weight

Length: 3.0 m Weight incl. standard stack: approx. 13.5 tons

Width: 2.2 m Required room height: 5.0 m

Height: 2.6 m* Height incl. standard stack: 8.2 m

* complete with burner on top of incinerator

Energy consumption at the highest combustion quality (EU Standard)

Energy consumption normal operation: **0 to 30 l oil/h and 0 to 35 m³ gas/h**

depending on the energy content of the waste

Power consumption: 4 kWh

Electrical connection data: 230 V, 50 Hz, fuse protection max. 16 A

Power supply: 5 kW

Combustion capacity and batch size as per EU Standard (directive 2000/76/EC and 17. BImSchV. of Germany)

Residence time: 2 seconds

Primary Chamber temperature: 900 °C

Afterburner chamber temperature: 1.000 °C

Batch size: 20 kg

Min. Capacity: 50 kg/h

Average capacity according 2000/76/EC: 70 kg/h

Smokeless and odourless operation: 100 kg/h

Time of operation

The incinerator is built to be used all year long, 24 hours a day.

Maintenance

Service intervals for 24 hour operation:








- Burner control: once per month
- Visual inspection refractory: once every 3 months
- Maintenance of the incinerator: once a year
- Filter of fuel supply: once a day





Components of the incinerator

- Compact incinerator
- Electrical switchboard including wiring, wired ready for connection
- Controlled with Touchscreen-Display
- All pipes for fuel supply equipped with fuel pressure gauge, air separator, wired ready for connection
- 2 Weishaupt burners
- Grate
- 6 m stack, incl. rain hood

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