



SPECIFICATIONS

PHYSICAL SPECIFICATIONS

Physical Dimensions:	Width: 83cm (33in) Depth: 50cm (20in) Height 107cm (42in)
Weight (empty):	300kg (661lbs)
Machine Foot Print:	0.4sq m. (4.5 sq ft)

PROCESS METHOD

	Mechanical destruction and chemical disinfection (94% biodegradable)
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INPUT SPECIFICATIONS

Total Waste Volume:	Up to: 15L (3.96gal)
Amount of Process Water:	6L (1.58 gal)
Water consumption per cycle:	Approximately 8L (2.1gal)
Ster-Cid [®] consumption per cycle:	35 mL
Power consumption per cycle (calculated):	0.40KWh
Cycle time:	15 minutes ±

OUTPUT SPECIFICATIONS

Final Volume of Treated Materials:	Up to 90% of initial volume or less
Treated Waste Drawer Volume:	28L (7.4 gal)

INSTALLATION REQUIREMENTS

Electricity:	<u>American Voltage:</u> 208VAC, 3 phase, 60Hz, 20amp, 5 wire GFCI protected circuit, and 115VAC, single phase, 60Hz, 10amp, 3 wire GFCI protected circuit <u>European Voltage:</u> 3 phase, 5 wire connection 400/230 volts, 50Hz, 16amp, GFCI protected circuit
Water Supply:	19mm (¾ in) line, 2.5 bars (35psi) pressure minimum, 24lpm (6gpm) minimum flow rate.
Water Quality:	Normal tap water between 7 and 8.5 pH
Drain:	50mm diameter (2in) Not higher than 300mm (1ft) above floor level.



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MATERIALS HANDLED

Polyethylene Containers: (Sharps)	Max 7.6L (2 gal) 1 container of 250 x 180 x 260 mm. (4.75" x 7" x 10.25" in)
Other Medical Waste Materials:	Infectious medical waste including but not limited to: syringes, dialysis filters, paper, scalpels, cloth, test tubes, organic materials and other bio-medical hazardous waste.
	Metal parts - up to 3mm (1/8 in) thickness

MISCELLANEOUS

Ventilation:	Natural
Noise Level:	Meets OSHA requirements
Vibration:	Negligible
Heat Generated:	None
Vapors:	None
Filter Bag Specifications:	Non Woven cloth - 85 x 46 cm. (33.4" x 18" in)
	Consumption: 1 bag per 3 cycles

Note: All technical data mentioned above are subject to the machine Operator's and Service Manuals.
 MCM Environmental Technologies, Inc. reserves the right to change any specification, data or information at its discretion.