

Technical data sheet

TopClean M

Type: M2

Execution for: China

Chemo-thermal disinfection

3-phase current: 3N PE 400V 50Hz

Water connection: Cold water

GiO MODULE (plinth, 120 mm)



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Sample illustration

Technical data

Rack capacity/h (theoretical)	10 / 6 / 5 racks/h
Programme cycle time *	360 / 540 / 720 s (3rd programme running time with change of water)
Rack dimension	500 x 500 mm to 540 x 500 mm
Entry height	420 mm
Dimensions (W x Hmin x D)	600 x 1340 x 600 mm
Electrical feeding cable	3-phase current 3N PE 400V 50Hz* nominal capacity: 12.4 kW nominal current: 19.6 A
Local fuse protection	25 A
Protection class of the machine	IP X5
Equipment	MIKE 2 control Infrared interface for wireless communication Leakage detector Soft start Boiler safety device Drain pump Automatic self-cleaning when tank is drained Back wall cladding Automatic door lock Compressed air connection for specially cleaned and de-oiled breathable air to EN 12021, 2-5 bar Integrated reverse osmosis (with connection and discharge set) connecting kit 1,6 m Integrated cupboard 400 mm Integrated cupboard, right hinged door
Fresh water line	For reverse osmosis: connecting set with stop valve, Pressure regulator, filter 10 µm with activated carbon Internal: air gap 'AA' in accordance with EN 1717 with booster pump
Fresh water supply	Minimum flow pressure 100 kPa / 1.0 bar in front of solenoid valve Maximum pressure 500 kPa / 5.0 bar in front of pressure reducer

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Flow rate	total 4.3 l/min (at 15 °C inlet temperature and a flow pressure of 200 kPa / 2 bar) Permeate 2.0 l/min Concentrate 2.3 l/min
Fresh water thresholds for GiO MODULE	Temperature cold water min. 1 °C to max. 35 °C electrical conductivity < 1000 µS/cm Total hardness max. 28 / 5 mmol/l CaCO ₃ Free of particles > 10 µm Iron < 0.10 mg/l Manganese < 0.04 mg/l Chlorine < 0.10 mg/l (free chlorine) Potassium permanganate < 10 mg/l Silicic acid < 10 mg/l
Final rinse water quantity	4.2 liters/cycle, variable
Boiler	Temperature: 50 °C Contents: 7.0 l
Wash tank	Filling: 11.0 l Temperature: 60 °C
Dosing of rinse aid	Hose pump (24 V) with time control and suction lance with empty level monitoring
Detergent dosage	Hose pump (24 V) with time control and suction lance with empty level monitoring
Material	Cladding: 1.4301 Wash tank: 1.4301 Boiler: 1.4404
Heat emission	for 6 programme cycles/h total: 0.6 kW perceptible: 0.4 kW latent: 0.2 kW
Ventilation flow rate	160 m ³ /h
Steam emission	0.3 kg/h
Emission sound pressure level at the workplace (LpA)	65 dB
Net / gross weight	102.5 kg / 118.5 kg (standard packaging)
Packaging dimensions (W x H x D)	700 x 1440 x 700 mm (standard packaging)

*Note:

Electrical equipment suitable for supply voltage:
3N PE 400 V 50 HZ (3N PE 380-415 V 50 Hz)