

EndoTherm MINI

RO units for Endoscopy & CSSD

A complete water purification system for endoscopy and CSSD applications, which can be programmed for thermal disinfection to take place out of hours

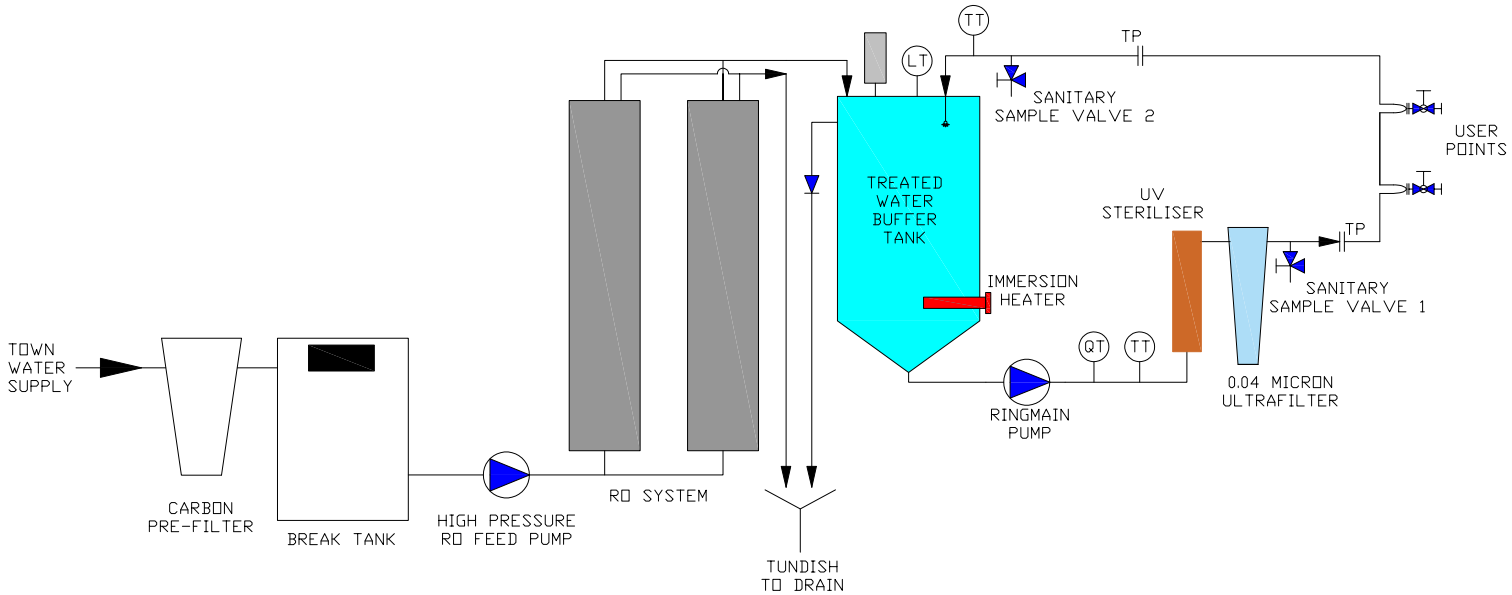
The EndoTherm Mini system, with integrated single RO unit, is designed to deliver purified water to CfPP01-06, EN ISO15883 and AS4187:2014 requirements. It operates at the user specified temperature and can be programmed to thermal disinfect out of hours.

- Complete purified water system incorporating RO, tank and distribution
- Ideal for single/multiple Automatic Endoscope Reprocessors (AERs) feed
- Thermal disinfection at >80°C carried out automatically out of hours
- Water recirculates at user specified temperature via the UV and 0.04 micron endotoxin retention filter to all point(s) of use
- Compact and easy to install with footprints as small as 550mm wide x 600mm deep (1980mm H)
- All components are cabinetised for quiet operation, making it suitable for positioning in washroom next to AER's or in the CSSD if required
- High dispense rates ensures fastest AER fill rates
- Distribution loops available in orbitally welded stainless steel or PEX pipework
- High capacity integral 316L stainless steel tank to buffer any peak demand
- Hygienic sample valve to validate and verify product water quality
- Upgradeable outputs
- PLC controller with colour, touch screen HMI for easy system programming
- Up to 3 years operating data is captured and stored (for downloading onto removable USB stick for viewing at PC), providing a permanent record of system performance for traceability



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Technical Data

Feed Water Requirements

All Models

General	Potable water < 1400 µs/cm
Total Dissolved Solids	<500ppm TDS
Hardness	<10ppm CaCO ₃
Temperature	5 - 40°C
Fouling Index (SDI)	<10
Free Chlorine	<0.5ppm
Silica	<30ppm SiO ₂
Pressure	>2.5 Bar

Treated Water Quality

All Models (CfPP01-06 & EN ISO15883 compliant)

Conductivity	<30 µs/cm
Bacteria	<1 CFU/100ml
Endotoxin	<0.25 EU/ml

Can be supplied with DI cylinders if < 5 µs/cm is required, to meet EN285

Product Specification

	EndoTherm MINI 150	EndoTherm MINI 300	EndoTherm MINI 500	EndoTherm MINI 900
Production Rate @ 15°C	150 l/h	300 l/h	500 l/h	900 l/h
Delivery Flow Rate	up to 60 l/m	up to 60 l/m	up to 60 l/m	up to 120 l/m
RO Recovery Rate	up to 75%	up to 75%	up to 75%	up to 75%
Dimensions HxWxD (mm)	1980 x 550 x 600	1980 x 550 x 600	1980 x 550 x 600	1980 x 550 x 700
Shipping Weight (Kg)	180	180	180	210
Inlet Connection	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP
Standpipe Drainage Req'd	50mm	50mm	50mm	50mm
Ringmain Connection	1" IDF	1" IDF	1" IDF	1" IDF
Electrical Supply	1ph 240V, 32A	1ph 240V, 32A	1ph 240V, 32A	3ph 415V, 32A