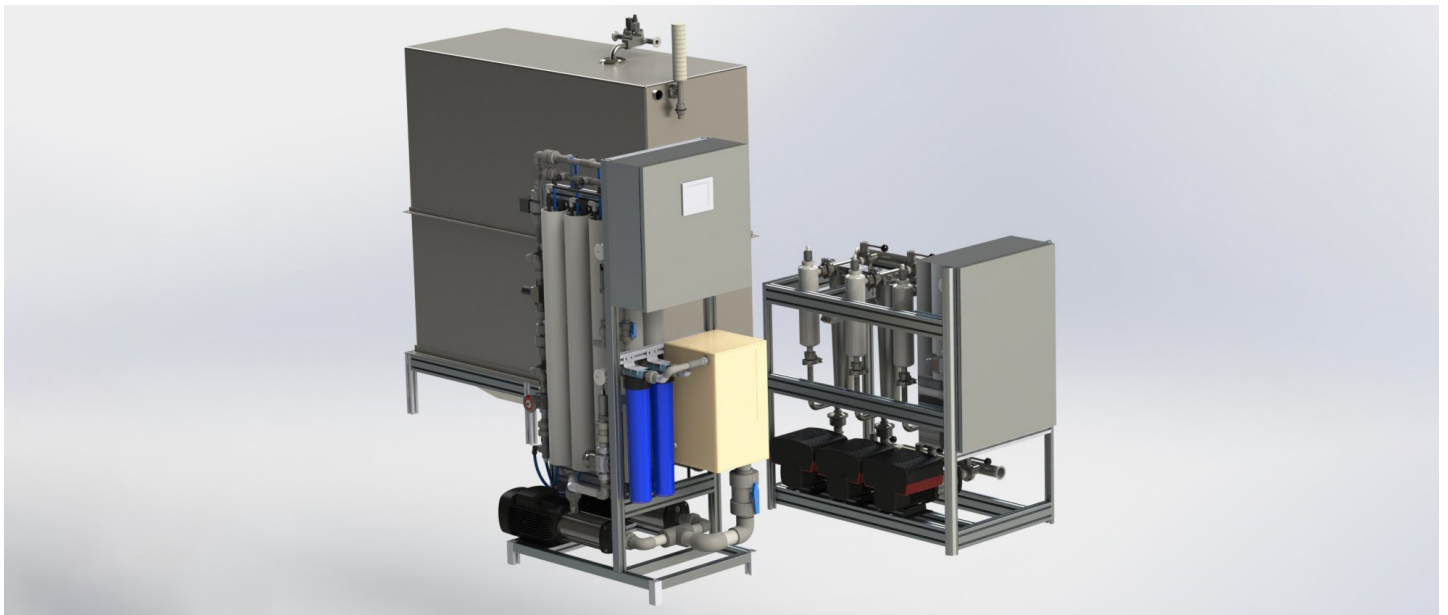


# EndoTherm Duo Modular RO units for Endoscopy & CSSD

Duplex reverse osmosis water purification system for endoscopy and CSSD applications, incorporating an automatic thermal disinfection programme.

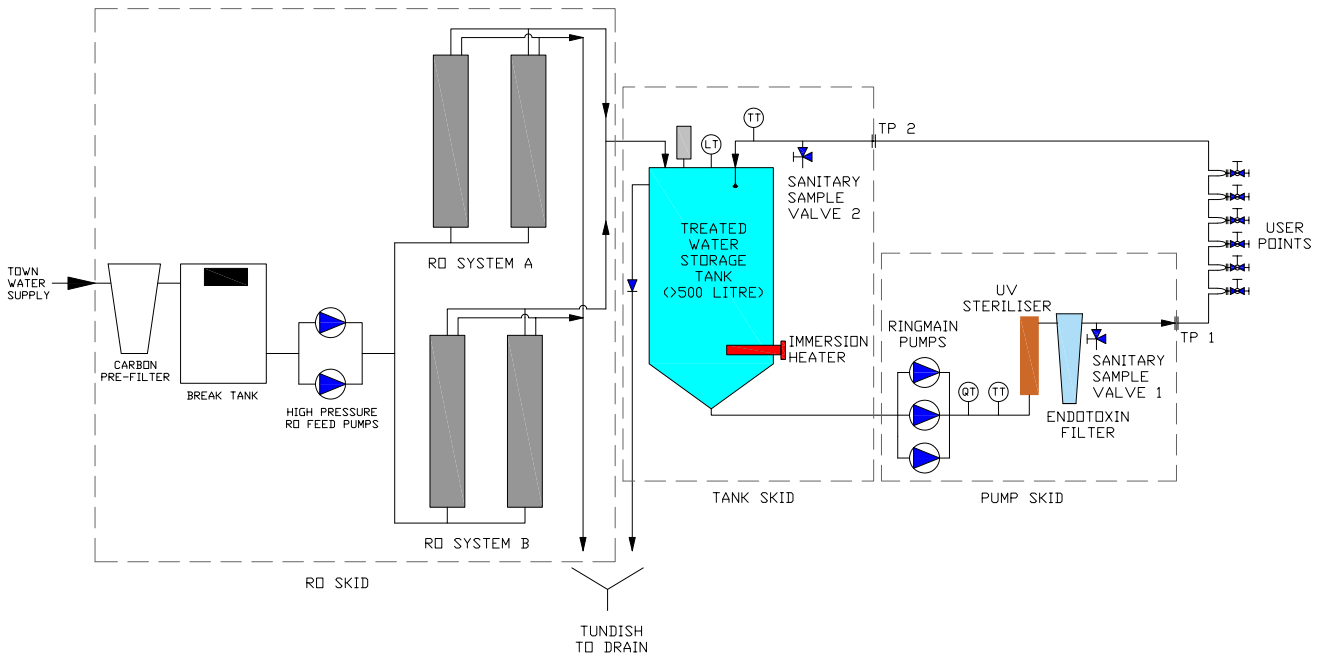
EndoTherm Duo system with integrated duplex RO units is designed to deliver purified water to CfPP01-06, EN ISO15883 and AS4187:2014 requirements, at user specified temperature and incorporates an automatic thermal disinfection programme to take place out of hours.



- Ideal for facilities with > 8 operating theatres
- Duplex RO systems on the same skid for maximum resilience
- Option of electrical or steam heating
- Prefabricated, skid-mounted modular system means quick installation and less downtime
- Thermal disinfection to >80°C automatically out of hours
- Water recirculates at elevated temperatures to all points of use (user adjustable)
- Designed to comply with HTM 01-06 and AS/NZS 4187 requirements
- Flexible, modular design concept offers 48 combination
- Choice of high dispense rates for rapid filling & shorter cycles
- Distribution loops available in orbitally welded stainless steel or PEX pipework
- Selection of high capacity integral 316L stainless steel tanks 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.
- Removable USB memory stick for data logging system performance and sanitisations

# EndoTherm DUO Modular

## RO units for Endoscopy & CSSD



### FLEXIBILITY

#### EndoTherm DUO Modular - skid 1, RO output options

<b>Production Rate @ 15°C</b>	600 l/h	1,500 l/h	2,400 l/h
<b>RO Recovery Rate</b>	up to 75%	up to 75%	up to 75%

#### EndoTherm DUO Modular - skid 2, tank options

<b>Nominal tank capacity</b>	500 litres	1,000 litres	1,500 litres	2,000 litres
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#### EndoTherm DUO Modular - skid 3, RO delivery pump options

<b>Delivery pump output</b>	120 l/m	240 l/m	360 l/m	500 l/m
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### Technical Data

#### Feed Water Requirements

All Models

<b>General</b>	Potable water
<b>Conductivity</b>	<500 µs/cm
<b>Hardness</b>	<10 mg/l CaCO <sub>3</sub>
<b>Fouling Index (SDI)</b>	<10
<b>Free Chlorine</b>	<0.5 mg/l
<b>Silica</b>	<4 mg/l SiO <sub>2</sub>
<b>Pressure</b>	>2.5 Bar

(Steam heating is available on request)

#### Treated Water Quality

All Models

(AS/NZS4187:2014 & CfPP01-06 & EN ISO15883 compliant)

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

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