

150 L/h Single Pass **ENDOTHERM MINI**

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

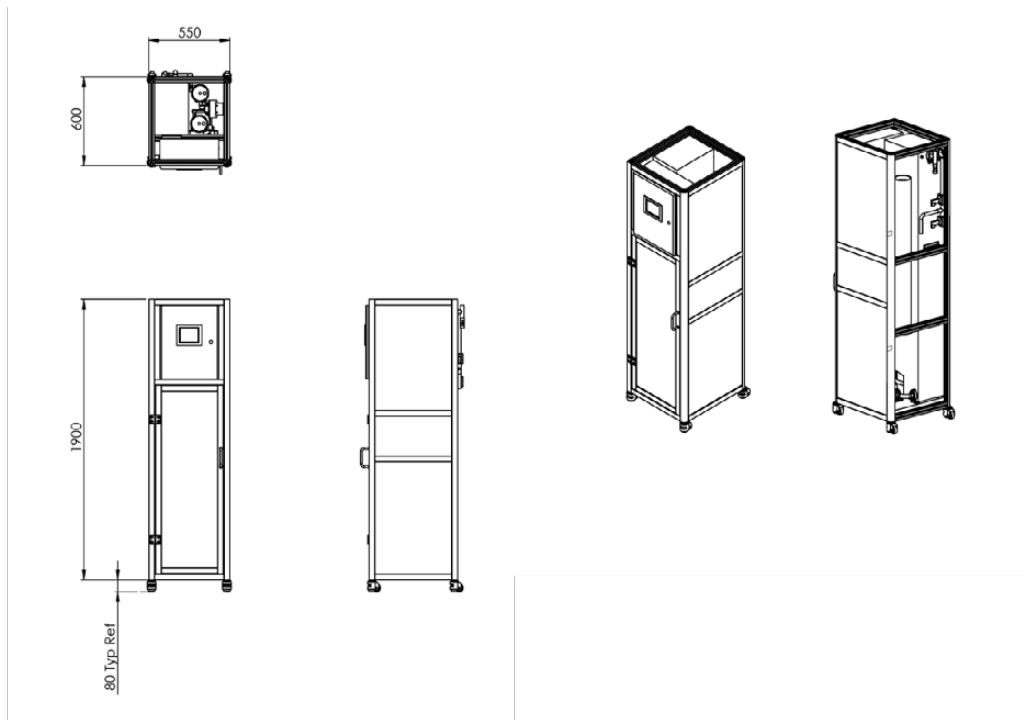


ENDOTHERM DUO MODULAR RO UNIT FOR ENDOSCOPY & CSSD

FEATURES

- Compliance assured – Meets CfPP01-06, EN ISO15883 and AS4187:2014 with programmable out-of-hours thermal disinfection.
- Simplified system – Integrated RO, tank and distribution pumps in one package.
- Versatile use – Feeds AERs, washer-disinfectors and sterilisers.
- Automated hygiene – Thermal disinfection >80°C performed automatically.
- Compact footprint – As small as 1400mm x 710mm x 1950mm (H).
- Consistent purity – Recirculates at user-set temperature via UV and endotoxin removal filter.
- Quiet operation – Suitable for washrooms or CSSDs, with optional panels.
- Durable and mobile – Duplex RO units on SS304 skid with wheels.
- Fast throughput – High dispense rates enable the quickest AER fill times.
- Validated quality – Hygienic sampling valve for verification.
- Peak demand ready – 316L stainless steel buffer tank ensures supply.
- Easy control – PLC with touchscreen HMI.
- Full traceability – Stores up to 3 years of data, downloadable via USB.
- Hygienic loops – Orbitally welded stainless steel or PEX distribution.

PLANS/DRAWINGS



OPERATIONAL REQUIREMENTS

FEED WATER REQUIREMENTS	
Conductivity	< 1400 μ S/cm
Total Dissolved Solids (TDS)	<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	
Conductivity	<30 μ S/cm
Bacteria	<1 CFU/100mL
Endotoxin	\leq 0.25 EU/mL

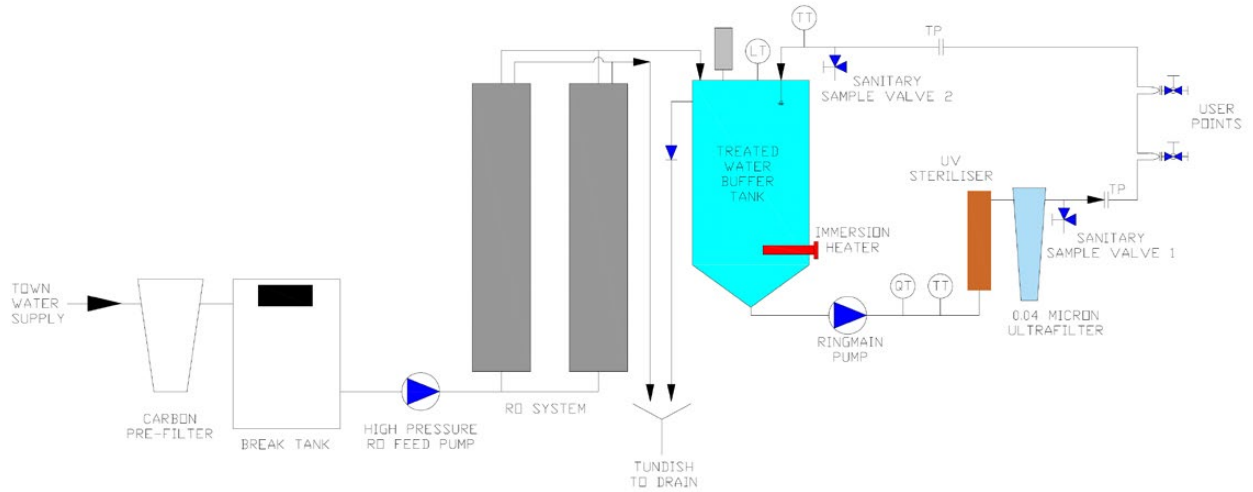
PRODUCT SPECIFICATION	
Production Rate @ 15°C	150 L/h
Delivery Flow Rate	up to 60 L/m
RO Recovery Rate	up to 75%
Dimensions HxWxD (mm)	1980 x 550 x 600
Shipping Weight (Kg)	180
Inlet Connection	3/4" BSP
Standpipe Drainage Req'd	50mm
Ringmain Connection	1" IDF
Electrical Supply	1PH 240VAC, 32A

Disclaimer. Southland Filtration reserves the right to, at any time change any details of design, specifications and performance figures of any published data.

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PROCESS FLOW DIAGRAM



300 L/h Single Pass **ENDOTHERM MINI**

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

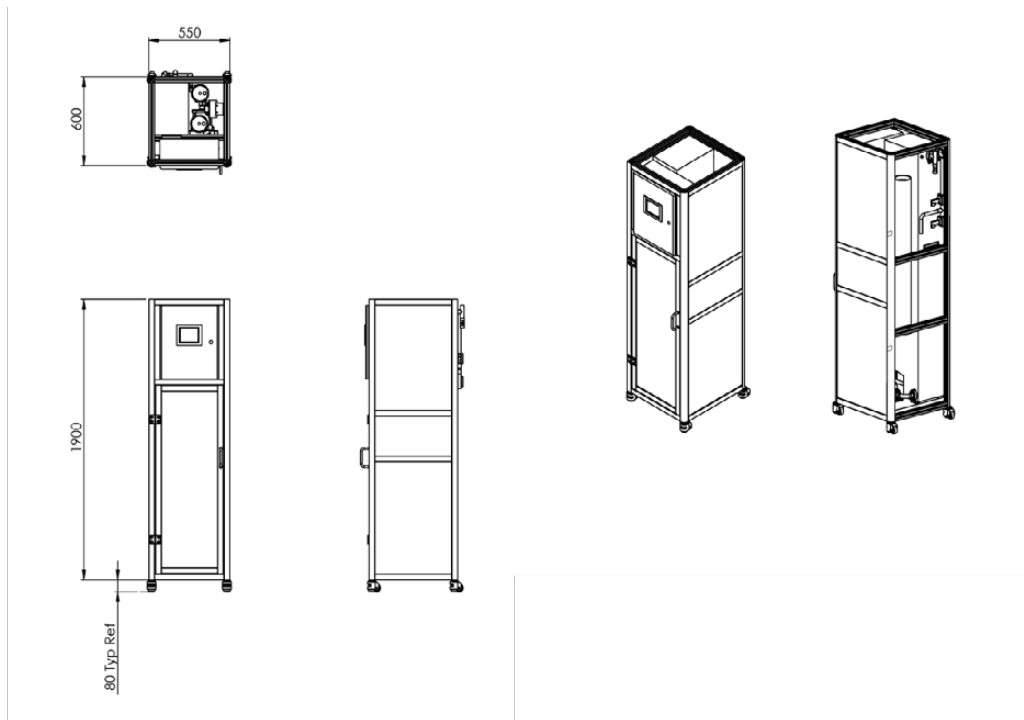


ENDOTHERM DUO MODULAR RO UNIT FOR ENDOSCOPY & CSSD

FEATURES

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- Consistent purity – Recirculates at user-set temperature via UV and endotoxin removal filter.
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- Hygienic loops – Orbitally welded stainless steel or PEX distribution.

PLANS/DRAWINGS



OPERATIONAL REQUIREMENTS

FEED WATER REQUIREMENTS

Conductivity	< 1400 μ S/cm
Total Dissolved Solids (TDS)	<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

Conductivity	<30 μ S/cm
Bacteria	<1 CFU/100mL
Endotoxin	\leq 0.25 EU/mL

PRODUCT SPECIFICATION

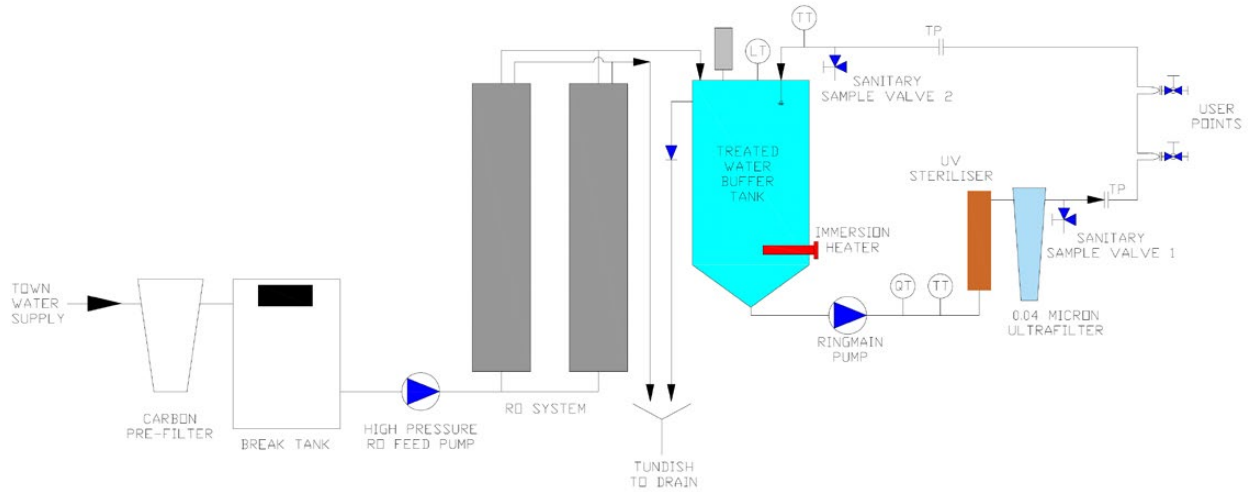
Production Rate @ 15°C	300 L/h
Delivery Flow Rate	up to 60 L/m
RO Recovery Rate	up to 75%
Dimensions HxWxD (mm)	1980 x 550 x 600
Shipping Weight (Kg)	180
Inlet Connection	3/4" BSP
Standpipe Drainage Req'd	50mm
Ringmain Connection	1" IDF
Electrical Supply	1PH 240VAC, 32A

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PROCESS FLOW DIAGRAM



500 L/h Single Pass ENDOTHERM MINI

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

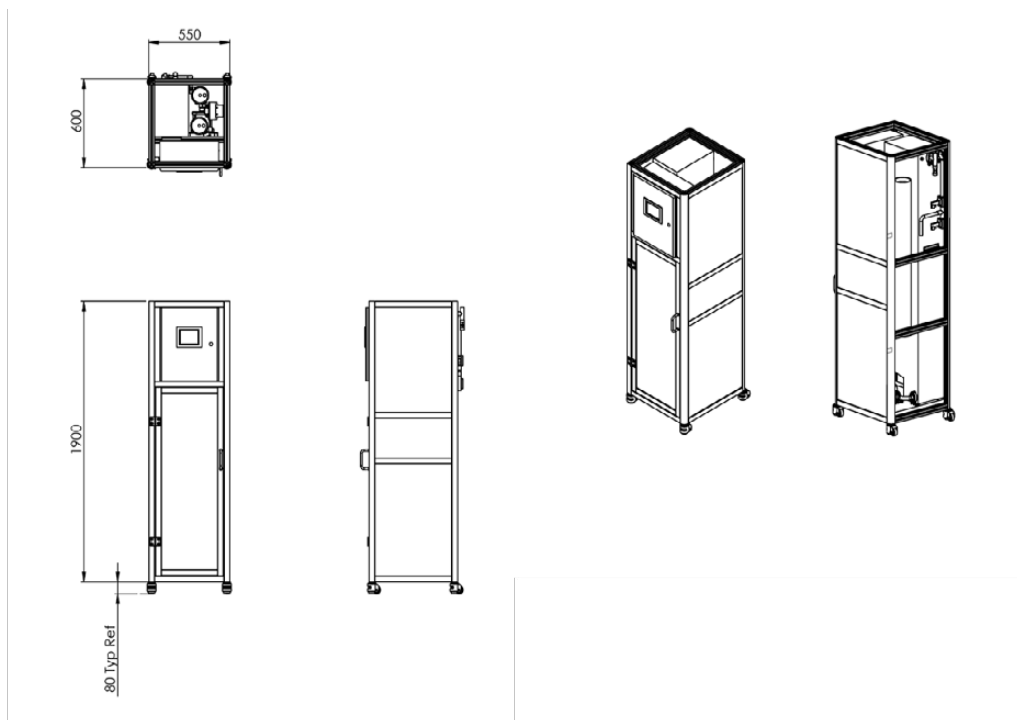


ENDOTHERM DUO MODULAR RO UNIT FOR ENDOSCOPY & CSSD

FEATURES

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- Consistent purity – Recirculates at user-set temperature via UV and endotoxin removal filter.
- Quiet operation – Suitable for washrooms or CSSDs, with optional panels.
- Durable and mobile – Duplex RO units on SS304 skid with wheels.
- Fast throughput – High dispense rates enable the quickest AER fill times.
- Validated quality – Hygienic sampling valve for verification.
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PLANS/DRAWINGS



OPERATIONAL REQUIREMENTS

FEED WATER REQUIREMENTS

Conductivity	< 1400 μ S/cm
Total Dissolved Solids (TDS)	<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

Conductivity	<30 μ S/cm
Bacteria	<1 CFU/100mL
Endotoxin	\leq 0.25 EU/mL

PRODUCT SPECIFICATION

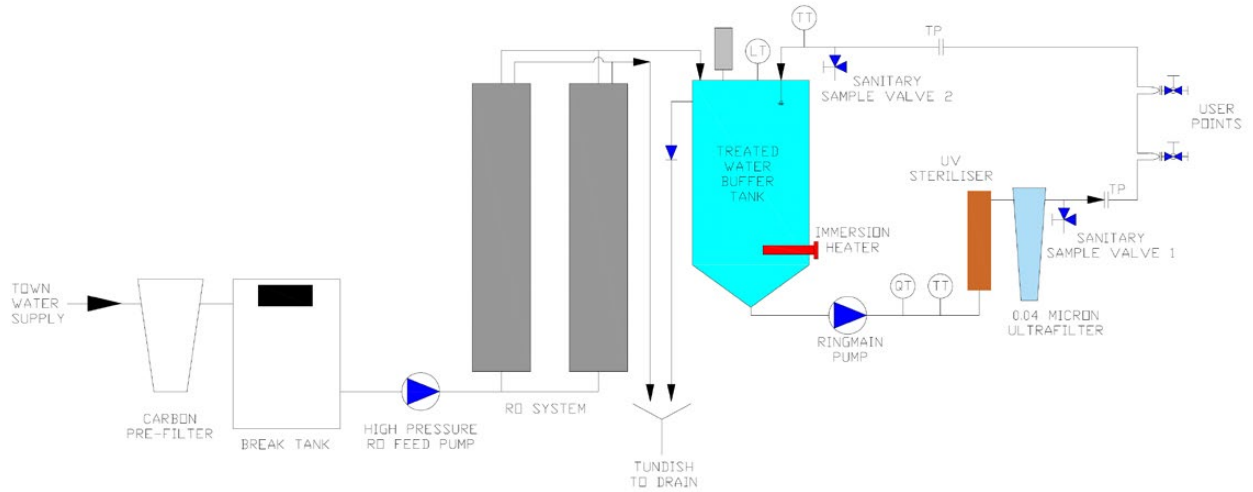
Production Rate @ 15°C	500 L/h
Delivery Flow Rate	up to 60 L/m
RO Recovery Rate	up to 75%
Dimensions HxWxD (mm)	1980 x 550 x 600
Shipping Weight (Kg)	180
Inlet Connection	3/4" BSP
Standpipe Drainage Req'd	50mm
Ringmain Connection	1" IDF
Electrical Supply	1PH 240VAC, 32A

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PROCESS FLOW DIAGRAM



900 L/h Single Pass **ENDOTHERM MINI**

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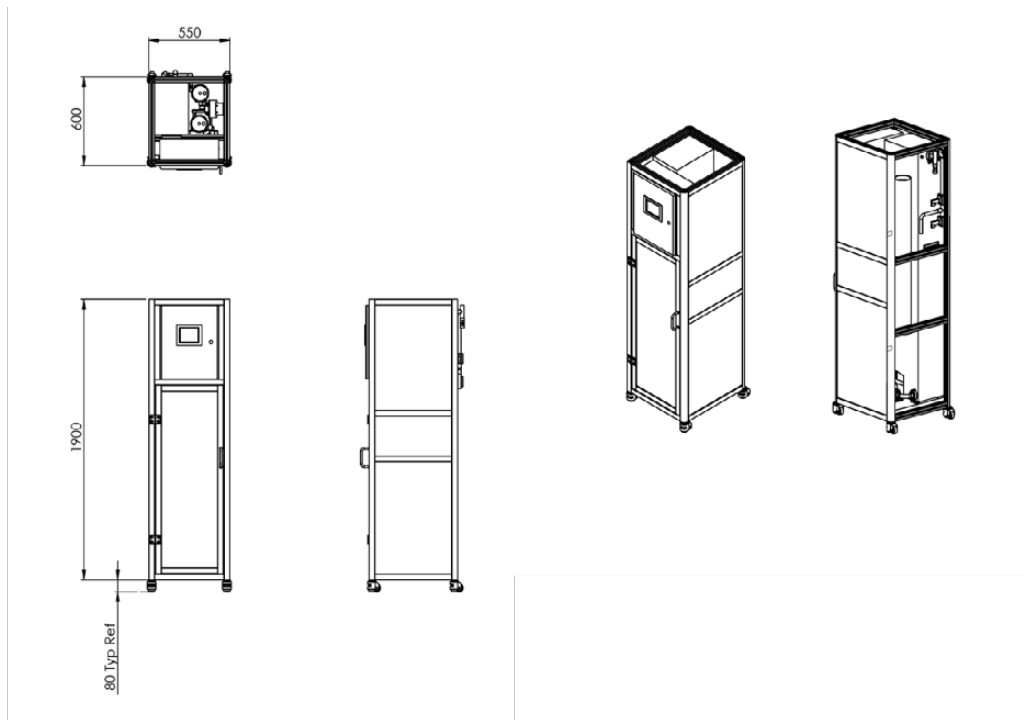


ENDOTHERM DUO MODULAR RO UNIT FOR ENDOSCOPY & CSSD

FEATURES

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- Fast throughput – High dispense rates enable the quickest AER fill times.
- Validated quality – Hygienic sampling valve for verification.
- Peak demand ready – 316L stainless steel buffer tank ensures supply.
- Easy control – PLC with touchscreen HMI.
- Full traceability – Stores up to 3 years of data, downloadable via USB.
- Hygienic loops – Orbitally welded stainless steel or PEX distribution.

PLANS/DRAWINGS



OPERATIONAL REQUIREMENTS

FEED WATER REQUIREMENTS	
Conductivity	< 1400 μ S/cm
Total Dissolved Solids (TDS)	<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	
Conductivity	<30 μ S/cm
Bacteria	<1 CFU/100mL
Endotoxin	\leq 0.25 EU/mL

PRODUCT SPECIFICATION	
Production Rate @ 15°C	900 L/h
Delivery Flow Rate	up to 120 L/m
RO Recovery Rate	up to 75%
Dimensions HxWxD (mm)	1980 x 550 x 700
Shipping Weight (Kg)	210
Inlet Connection	3/4" BSP
Standpipe Drainage Req'd	50mm
Ringmain Connection	1" IDF
Electrical Supply	3PH 415VAC, 32A

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