

# Micra

## DIAGNOSTICS

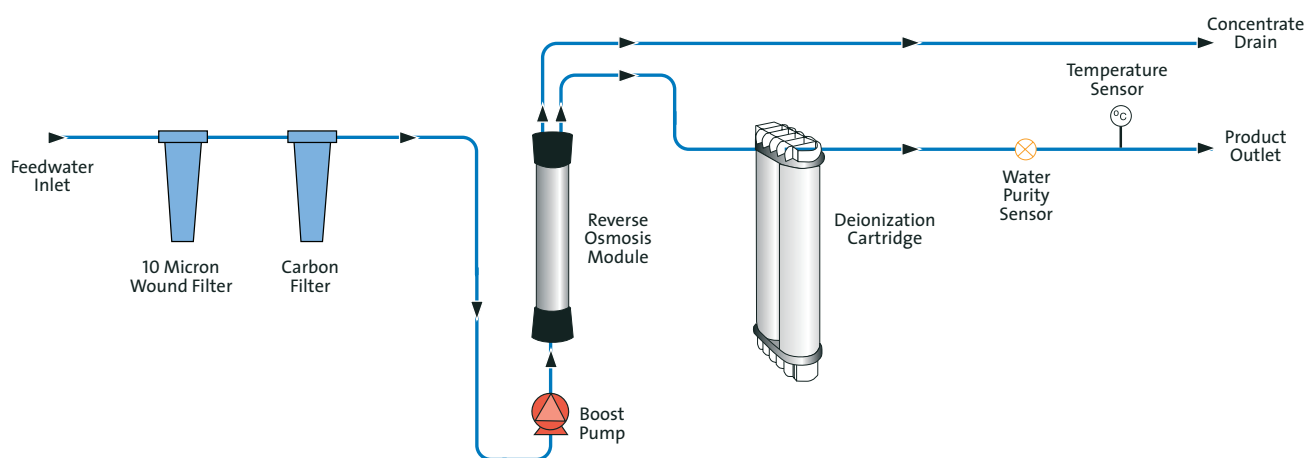


# Micra

Micra is a cost-effective, continuous and uninterrupted pure water supply for analyzers. For analyzers traditionally fed by water stills or bottled water, Micra provides a fit and forget solution, reducing energy consumption and logistics.

- Designed to be in compliance with CLRW specifications by CLSI
- Provides up to 25 l/day of purified water to feed low volume analyzers
- Autofill reservoir function ensures a continual supply of purified water for your analyzer
- User selectable status indicator helps monitor water purity accurately and easily
- Provides an efficient alternative to buying and storing bottled water

## Process Flow Micra



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### Treated Water Specifications

MODEL	Micra
Delivery flow rate – maximum	Up to 8 l/hr
Inorganics (resistivity @25°C)	>10 MΩ-cm @25°C (CLRW water)*
Organics (TOC) – typical	<50 ppb
Bacteria	<10 CFU/ml**
pH	Effectively neutral
Particle removal	Reverse Osmosis Stage

\* CLSI \*\* Before storage

### Dimensions and weights

Dimensions	Width: 505mm (20.0in), Depth: 230mm (9.0in), Height: 450mm (17.7in)
Supply weight	12kg
Installation	Ground/Bench/Wall Can connect to any size and form of reservoir with a suitable 1” BSP threaded connection

### Feedwater Requirement

Source	Tap water as detailed below
Conductivity	<2000 µS/cm
<b>Contaminant</b>	
Hardness	<250 ppm as CaCO <sub>3</sub>
Free chlorine	<0.5 ppm
Silica	<30 ppm
Fouling index	<10
Iron/manganese	<0.1 ppm
Organics (TOC)	<3 ppm
Temperature	4 – 40°C (Recommended 15 – 25°C)
Flowrate (requirement at 15°C)	1.5 l/min
Drain requirements (gravity fall with air gap)	1.5 l/min

### Feedwater Pressure

Maximum	30psi (2bar)
Minimum	15psi (1bar)

### Electrical Requirements

Mains Input	100 – 240V ac, 50 – 60Hz
System voltage	24V dc
Power consumption (peak demand)	50 VA
Reservoir level electrical connection	4 Way Molex Connector
Noise level	<40dBA

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