

Puris EVO-RO and ROP Water Systems



Features

- EVO-RO and ROP systems purify potable feedwaters to meet ASTM Type 11 (ROP model), 111 and 1V (RO model)
- The purified water can be used for general laboratory applications, glassware rinsing, media formulation, sterilisers, instrument washers and for supply to ultra-pure polishers.
- The display enables real-time monitoring of water quality, filter pack life and storage tank level
- EVO RO and ROP systems are available with permeate output flows of between 10 and 50 litres/hour
- A choice of different capacity storage tanks is available with UV headspace disinfection lamps, sterile vent filters and CO₂ traps

Puris EVO series of water purification systems include stand-alone reverse osmosis, combination reverse osmosis and ultra-pure polisher, and stand-alone ultra-pure polishers.

EVO systems have a simple, innovative design using the best of current technologies and manufacturing processes.

Puris Ultra-Pure water systems are designed for use in laboratories or wherever a supply of purified water is required to meet specified standards such as CAP, ASTM and NCCLS. Rotek and Puris have partnered to design, manufacture and support routine and research facilities with versatile, simple to use, high-performance water systems. Applications include life sciences, pathology, medical research, electronics manufacturing, instrumentation, tissue culture and QC/QA processes in pharmaceutical manufacturing.

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Product Quality

Production facilities are ISO 9001, ISO 14001 registered, CE and CB certified. Product performance meets all international standards for water quality up to ultrapure grades. Mirae has also been awarded the NEP mark in South Korea for superior design and manufacturing quality; a first for any manufacturer of this equipment type worldwide.



4.3" Wide Digital Display Screen

Enables an at-a-glance display of all operational conditions including water quality, fixed-quantity water sampling, and device control status. Both monitoring and programming can be performed both from the main unit and from the S-dispenser.



Storage Tank

- Capacity – 35L
- Automatic water level control and display
- Vent filter – protection against particles, bacteria, VOC, CO2, etc, air pollutions
- Overflow drain connection
- Available to connect to EVO-UP and CB water systems

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Specifications

Item	Evo-RO Dico10	Evo-RO Dico20	Evo-RO Dico50	Evo-ROP Dico10	Evo-ROP Dico20
Flow Rate up to RO (l/hr)	10	20	50	10	20
Product Quality					
• Resistivity (ROP) MΩ/cm at 25°C	-	-	-	5-15	5-15
• TOC ppb (µg/l)	-	-	-	<30	<30
• Conductivity (RO) µs/cm at 25°C	1-25	1-25	1-25	-	-
System Monitoring & Display	• Feedwater conductivity at 25°C			• Protection for low inlet water quality	
	• Feedwater temperature			• Ion rejection ratio (%)	
	• Program timer or RO membrane cleaning			• Filter pack exchange reminder	
	• Automatic drain for less conductivity then setting one value				
Utilities					
• Electrical power	120/240V, 50/60Hz, 1.6A				
• Dimension	W350 x D430 x H520mm				
• Operating Weight	18-19kg				
Standard Accessories	• Dio-PC Pack		• 1-3 Dico-RO Membrane		• Cable & Tubing Kit
				• Dio-PO Pack	
Optional Accessories	• Printer for data output • Reservoir 35L				

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