

## ROEDI250 Pure Water System 250 l/h

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### Description and use

The DeionX ROEDI pure water system is an all-in-one solution to produce high purity water for laboratory and smaller scale production applications. It contains pre-filters, reverse-osmosis module, electro-deionization module and softener as an option. That means city water would be qualified for the input to reach desired ultrapure water.

### ROEDI systems

- Operation:
  - Intelligent HMI for system control and information
  - Clear and accurate operation monitoring
  - 2 channel calibratable conductivity measurement
  - High quality switched mode power supply
  - Stable continuous operating system with consistent product quality
  - No need to transport or replace ion exchangers
  - Limited periodic maintenance
- Construction:
  - Compact design with small foot print
  - Stable and firm frame construction
  - Light and anti-corrosion in the mean time
  - Convenient for maintenance
  - Storage space for softeners and/or filter cartridges
- Water Quality:
  - Generating highly purified deionized water
  - Disinfected by integrated UV disinfection system
  - Customized product water threshold criteria
  - Automatic divert valves in case of unqualified product water



### ROEDI250 Specifications

Nominal Product Flow	250	lph
Width (mm)	570	mm
Height (mm)	1980	mm
Depth (mm)	930	mm
Electrical Supply	1x230 or 3x400 VAC	
Electrical Power Consumption	3	kW
System Recovery RO	75	%
System Recovery EDI	90	%
Feed Water Quality	< 600	µS/cm
Feed Flow Pressure	2 – 4	Bar
Feed Temp.	10 < 30	°C
Product Water Quality	< 0.1	µS/cm

### Applications

- Laboratory
- Pharmaceutical Industry
- HPI/CPI
- Microelectronics Industry
- Food and Beverage
- General Industry Electro Separation

### System options

*Flexible to meet your needs*

- Flow and pressure transmitters
- Remote control by web browsers via WLAN
- Remote control by mobile phones via SMS
- Softener

DEIONX – PURE QUALITY