Fact Sheet

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ROEDI125
Pure Water System 125 l/h

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

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ROEDI125 l/h UPW SYSTEMS

ROEDI125 Specifications

Nominal Product Flow	125	lph
Width (mm)	570	mm
Height (mm)	1980	mm
Depth (mm)	840	mm
Electrical Supply	1x230 or 3x400	VAC
Electrical Power Consumption	2,5	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