

## ROEDI60 Pure Water System 60 l/h

The Netherlands  
 ☎ +31 164 265921  
 ✉ info@deionx.com  
 🌐 www.deionx.com

### 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

### Applications

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



### ROEDI60 Specifications

|                              |                    |       |
|------------------------------|--------------------|-------|
| Nominal Product Flow         | 60                 | lph   |
| Width (mm)                   | 570                | mm    |
| Height (mm)                  | 1980               | mm    |
| Depth (mm)                   | 790                | mm    |
| Electrical Supply            | 1x230 or 3x400 VAC |       |
| Electrical Power Consumption | 2                  | 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 |

### 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