

Genie E

5/10/15

Produces Type II water from tap water directly

Resistivity of the product water is above 5 MΩ•cm at 25 °C , which meets or exceeds Type II water quality as defined by ASTM, CAP, CLSI and ISO 3696 / BS 3997 and also complies with the Purified Water requirements from the European and U.S. Pharmacopoeia.

The system is manufactured in an ISO 9001 : 2015 certified manufacturing site.

Features

- Wireless communication amongst components providing unlimited possibilities
- RFID tracking of consumables and RO membranes to ensure optimal system performance
- Exceptionally consistent and predictable high purity Type II water from the best in class IonPure EDI (electrodeionization) module
- Stable RO permeability over a wide range of water temperatures
- Tank water level displayed from the continuous liquid level sensor of the storage tank
- Automatic system shut-off upon detection of any water leakage
- Optional tank circulation mode to keep the water quality stable in the tank

Main Components



Control Console

Command and control center

- 8-inch touch screen allowing easy control and operation of the system
- Comfortable viewing and operation with built in viewing angle and flexible placement by users
- Operable with gloves and wet hands
- Robust screen: easy to clean, resistant to scratches



- ◆ Advanced wireless communication technologies offer more freedom than ever for a remote dispenser. Its distance from the system is no longer limited by the length of cables and wires.
- ◆ "1+N mode" - one water system can drive N units of dispenser (Up to 10 now and can be upgraded further more).
- ◆ Genie equips with multiple touch screens which are highly responsive, water-proof, latex glove friendly, and perfect for wet labs.
- ◆ Monitoring of consumables and accessories, through RFID technology, provides users with real-time operational intelligence.
- ◆ The ability to export and print data and log-in requirements are built into all of our Genie systems.
- ◆ Feed water conductivity monitoring ensures an optimal running conditions of the system.
- ◆ No tools are needed for benchtop installation.

NEW

E



Dispenser

All-in-one touch screen

- Manual and volumetric dispensing, adjustable dispensing rate, and water quality monitoring
- Compact dispenser allowing one handed operation and control
- Operable with gloves and wet hands
- Height adjustable and 360 degree rotatable on an anti-skid base



Cartridges

Cartridges

- Improved stability of water quality & efficiency of polishing resins due to optimized flow design
- High pressure rated housings, proprietary sealing, and double o-ring designs ensuring operational confidence
- A worry-free installation with three verifications: color, words, and RFID recognition

Specifications

Genie E

Feed Water Requirements	
Feed water conductivity / TDS	< 2000 $\mu\text{S/cm}$ / < 1000 ppm
Operating temperature	5 - 45 $^{\circ}\text{C}$
Feed water pressure	1 - 6 kg/cm^2 (15 - 90 psi)
Product Water Quality	
Flow rate	5, 10, 15 L/hr
Dispenser rate	0 - 2 L/min
Resistivity (@ 25 $^{\circ}\text{C}$)	> 5 $\text{M}\Omega\text{-cm}$ (typically 10 - 15 $\text{M}\Omega\text{-cm}$)
TOC*	< 30 ppb
Dimensions	
Main system: Length x Depth x Height	32 cm x 44 cm x 54 cm
Dispenser: Length x Depth x Height	21 cm x 29 cm x 61 cm

* When TOC Level of feed water is < 50 ppb

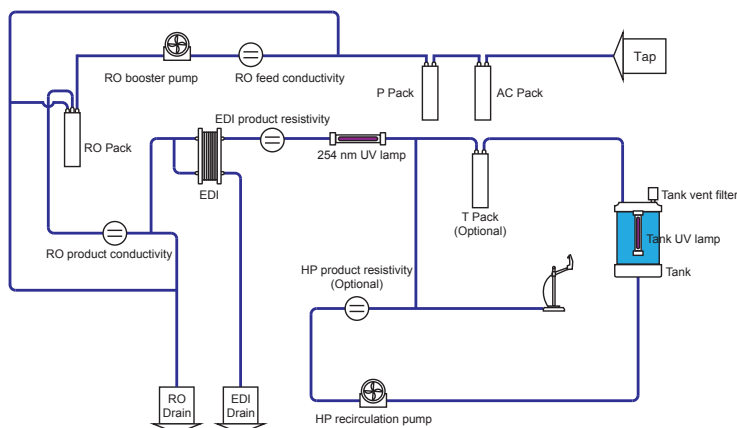
Ordering Info

Description	Cat. No.
Genie E 5 System	RG0E00500
Genie E 10 System	RG0E01000
Genie E 15 System	RG0E01500

Main Applications

- Preparation of chemical and bio-reagents
- Preparation of culture media
- Preparation of solutions for chemical analysis such as HPLC and ICP
- For clinical analyzers
Medical device and equipment rinsing
- For serum and blood fractionation
- For ophthalmics

Flow Chart



All rights reserved © 2018 Rephile Bioscience, Ltd.
Rephile, Genie are registered trademarks of Rephile Bioscience, Ltd.. TM and (R) may be omitted in this brochure.

Rephile Bioscience, Ltd.

Toll Free: +1-855-Rephile (+1-855-737-4453)

E-mail: info@rephile.com



Literature: RFP1381809