



Large Genie Q

High Output Benchtop Ultrapure Water System



On-demand Ultrapure Water system - Compact & High-Flow

The Large Genie Q water system delivers up to 10 L/min ultrapure water using EDI, RO, or distilled water as feed water. Miniaturized, custom components and optimized accessories integrate powerful performance into a compact footprint. Product water quality exceeds Type 1 ASTM, CAP, or CLSI specifications.

The Large Genie Q is ideal for users with high daily ultrapure water demands, meeting peak usage requirements and stringent water quality standards to boost efficiency.

- The full-process monitoring system, accessible via the main control screen, provides instant insights into operational status of each purification stage, ensuring consistent system performance, timely troubleshooting and optimal final water quality.
- Water quality and flow rate meet the strict production process requirements of small-scale manufacturing enterprises.
- The small size simplifies installation, maintenance, and transportation, improving work efficiency and cutting energy use, which helps control system running costs.
- Feed water conductivity monitoring ensures an optimal running conditions of the system.
- Built-in Dual-wavelength UV lamp to effectively reduce TOC levels.
- Automatic hourly recirculation to effectively minimize bacterial growth.
- RFID tracking of consumables and accessories provides real-time user operational intelligence.
- Low noise operation reduces noise pollution, creating a user-friendly and sustainable work environment. This also helps users meet environmental regulations.
- The RephiLink app (optional) allows users to remotely monitor system usage and water quality.

Produces ultrapure water at flow rates up to 10 L/min



**Superior Water Quality
System Reliability and Stability**

Main Components

Ultrapure Water Cartridges

- The ultra-purification cartridge is filled with LeFil™ and OrganeFil™ media to remove trace ions and organic compounds
- High pressure rated housings, proprietary sealing designs ensuring operational confidence
- A worry-free installation with two verifications: labels and RFID recognition

TOC Reduction UV Lamps

- Reducing TOC to trace level by two dual wavelength UV lamps
- RFID tracking of UV lamps provides optimal system performance

Filters

- A 10 inch 0.2 µm PES filter removes microorganisms and particles larger than pore size of 0.2 µm
- Optional 10 inch Ultrafiltration cartridge ensures pyrogen-free water for sensitive biological applications

Features



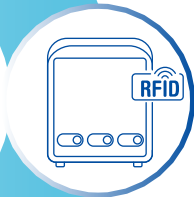
Easy-to-place

- Placement flexibility-wall-mounted or on the bench
- Modular design. Plug and play connections for quick install



Easy-to-track

- RFID tracking of consumables, and accessories to provide users with real-time operational intelligence and ensure optimal system performance
- Enhanced data management stores up to two years of historical information for service and review
- The ability to export and print data and log-in requirements are built into the system



Easy-to-use

- A 10 inch 0.2 um PES filter removes microorganisms and particles larger than pore size of 0.2 μm
- Dispense water with a single touch
- A reassuring volumetric dispensing function, adjustable from 10 mL to 999 L



Easy-to-control

- 8" touch screen, highly responsive with latex gloves for effortless system operation and control
- Intuitive display with comprehensive data views. No need to use additional paperwork or operating checklists
- User-friendly multilingual interface
- RephiLink Mobile App provides real-time remote monitoring of the systems



Easy-to-maintain

- No tools are needed for system installation and maintenance
- Automatic system shut-off upon detection of any water leakage



Compact size



Light weight



Low noise



Low shipping cost



Environmentally friendly

Specifications

Large Genie Q	
Feed water	Purified Water using EDI, DI, RO or distillation technologies
Temperature	5 - 35 °C
Pressure	> 0.2 MPa (2 bar)
Product water	
Flow rate	up to 10 L/min at 1 bar feed pressure
Resistivity (@25 °C)	18.2 MΩ·cm
TOC*	< 10 ppb
Particles (> 0.2 µm)	< 1 /ml
Microorganisms	< 1 cfu/ml
Silica*	< 2 ppb
Heavy metal	< 1 ppb
Main system specifications	
Width x Depth x Height	57 cm × 46 cm × 70 cm
Input voltage	100 - 240 VAC
Frequency	50/60 Hz
Power	< 600 W
Noise level	< 50 db

* In the appropriate operating conditions

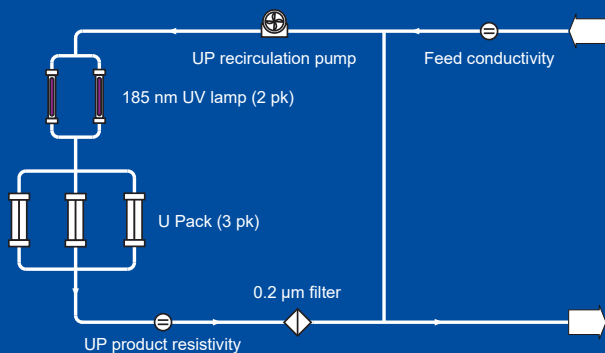
Main Applications

- Microbiological buffer and media preparation
- Reagent preparation
- Microelectronic wafer cleaning
- Vaccine manufacturing
- IVD reagent production
- Monoclonal antibody and recombinant protein drug manufacturing
- Gene therapy and cell therapy product manufacturing
- Blood product manufacturing

Ordering Info

Description	Cat. No.
Genie Q Water System set	RG0Q01000K

Flow Diagram



The high-flow Large Genie Q is manufactured in RephiLe's ISO 9001:2015 and ISO 14001:2015 certified facility, complies with IEC international standards, and has received CE and RoHS directive certifications from the European Union.



Literature: RFPR1982604

RephiLe Bioscience, Ltd.

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

E-mail: info@rephile.com

All rights reserved © 2025 RephiLe Bioscience, Ltd.

RephiLe and Genie are registered trademarks of RephiLe Bioscience, Ltd.

All other trademarks mentioned are the property of their respective owners.

TM and ® may be omitted in this brochure.