



# 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



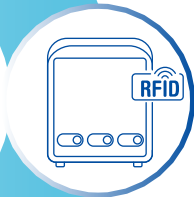
## Easy-to-place

- 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  $\mu\text{m}$
- 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

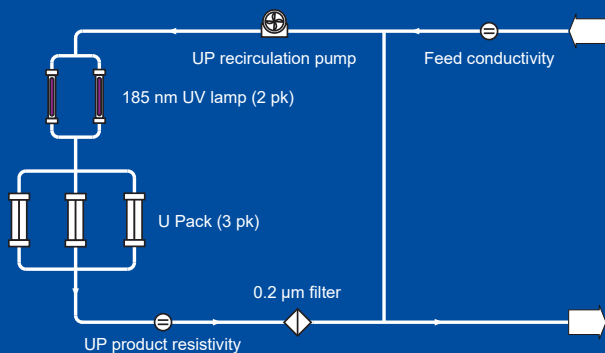
# Main Applications

- 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, ISO 14001, ISO 45001 and ISO 50001 certified facility, complies with IEC international standards, and has received CE and RoHS directive certifications from the European Union.



Literature: RFP1982604

## RephiLe Bioscience, Ltd.

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