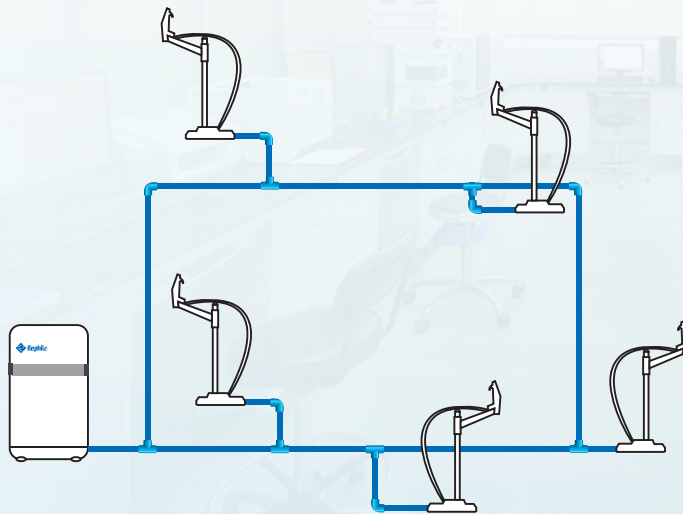


Genie Water Systems

e-connection expands YOUR possibilities!

**BREAK
THROUGH**

Wireless communication



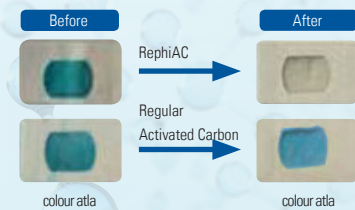
1+N

1 water system can drive
N units of dispensers

N = 1, 2, 3, 4, 5, ...

Powerful Purification Media

A contrast experiment of chlorine removal effect



colour atla

colour atla

Test Conditions:

1. Original chlorine concentration: 2.6 ppm
2. Flow rate: 5 L/min

Compared with a standard colorimetric test card:
Residual chlorine level was below 0.05 ppm after RephiAC treatment. There are still more than 30% residual chlorine after a regular activated carbon treatment.

RephiAC Activated Carbon

Highly Responsive Touch Screens

Seamless and sleek look!



Water-proof and latex-glove-friendly

Highlights

- The main system, monitor and dispensers can be placed freely as desired. Distance from the system is no longer a limiting factor to set-up a dispenser.
- Touch screens are highly responsive and durable. Users can operate the system with gloves on or even with wet hands.
- Thanks to RFID, working status of consumables and main parts are fully monitored right at the installation.

Easier integration within your Laboratory Furniture!



Dispenser

The tech-savvy and ergonomically designed dispenser is smooth and easy to operate. Dispenser height can be adjusted with one hand. Detailed design brings great user experience.

- Water quality, dispense volume and rate all displayed on the dispenser handle
- The small and slick dispenser rests in your palm and enables your thumb to operate the dispenser easily
- One finger touch to set up dispense volume and rate, or to dispense water
- Dispenser handle can be placed anywhere as it fits to your lab: on the dispenser stand, on the system, or other places



Control Console

The control and command center operates and monitors the water system and other components on the 8-inch touch screen via wireless connections.

- Total control in your hands by your finger touch: water quality, operation parameters, the status of the system, dispensers, components, and peripheral devices
- The monitor can be set up beside the system, wall-mounted, on the shelf, or placed with your dispenser and peripheral devices, anywhere in the lab due to wireless connections, and read in a more comfort way

Control from the Distance!



Cartridges

Cartridge is the core component to produce pure and ultrapure water: optimized purification technologies and flow path design ensure the quality of water production meets specific applications.

- RephiLe's LeFil and OrgneFil proprietary materials provide a full range of cartridges for various applications, such as ultra-low organic, low magnesium, low boron, for ICP-MS, etc.
- Prefiltration cartridges contains high-efficient enhanced RephiAC to ensure a long and smooth operations
- Three verification checks for proper cartridge installation utilizing label designation, cartridge color, and RFID tags ensure perfect placement within the system
- Optimized and lower running cost



All at Your Fingertips!



*Tailored to Your Applications
& Highly Efficient*

Features

Easy to Use

Large Monitors and Wireless Communication

- Touch screens on the main monitor and dispensers display key parameters at fingertips
- Wireless connection makes placement of dispenser, monitor and system more flexible than ever, no longer limited by the length of cables and wires
- Modules can be updated or added to personalize the functions anytime needed
- Changing consumables is a breeze and foolproof as a result of the RFID tech and thoughtful tool-free design

Touch Screens and RFID technology

- Multiple touch screens for each system. Operators can use either a main monitor or dispensers to control the system
- Performance history and maintenance data of consumables as well as key parts are traceable any time when needed with a simple RFID scan
- Remote control and diagnosis makes monitoring and troubleshooting easy and efficient
- Optional tank circulation mode guarantees high water quality in storage

Easy to Control

Space-saving

Modular Design and Wireless Communication

- Wall-mounted, or hiding under the sink, the main system can be tucked away to save precious bench space
- The main monitor can be on the bench or inside a drawer for further flexibility and space saving
- A dispenser handle can be set on the dispenser stand, on the main system, or even hanging onto other places to free up maximum bench space
- Easy to maintain a clean and tidy lab without tangled wires and cables

Advanced Water Purification Technologies

- Automatic temperature compensation allows RO production rate stable over a wide range of temperature
- Foolproof designs result in worry-free installation and accurate application of consumables and key components
- Double foolproof set-up in cartridges minimizes risks of water leakage
- Optimized flow pathway enhances system purification efficiency and reliability of product water quality

Reliable Operations



On-board TOC



RephiBlue Mobile App



Validation Support



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RephiLe Bioscience, Ltd.

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

E-mail: info@rephile.com



Literature: RFPRI251801

