

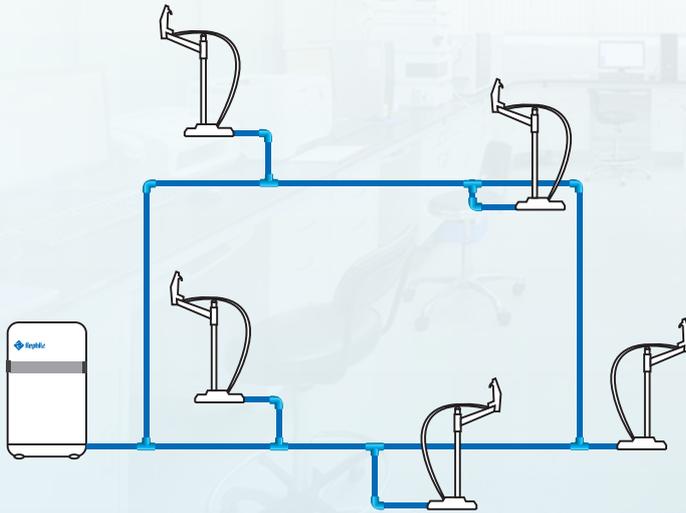


Genie Water Systems

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,...

Highly Responsive Touch Screens

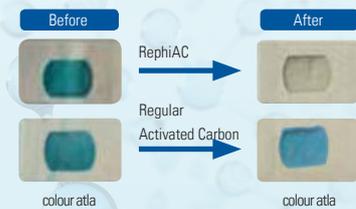
Seamless and sleek look!



Water-proof and latex-glove-friendly

Powerful Purification Media

A contrast experiment of chlorine removal effect



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

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

All at Your Fingertips!



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



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