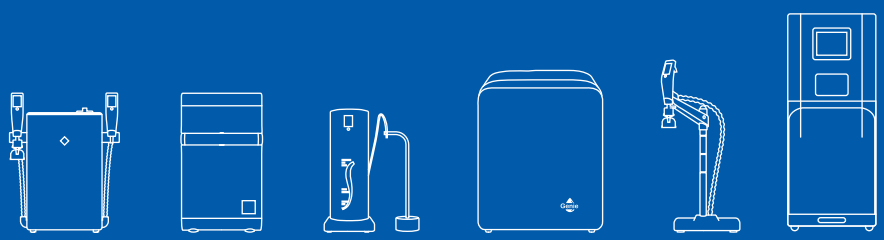
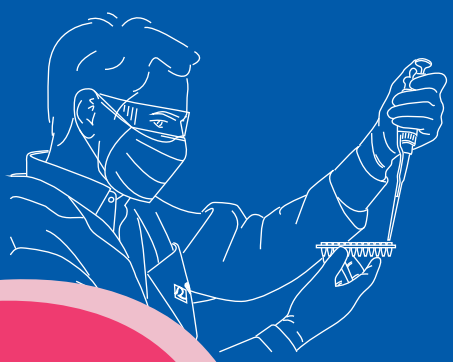
RephiLe

Products at a Glance



- Laboratory Water Purification Systems
- Laboratory Filtration Products
- Replacement Consumables for Millipore Systems



RephiLe Bioscience, Ltd.

Water System Selection Guide

Product Water	Ultrapure water (Type I)			EDI(DI) water (Type II)	CLRW	CLRW	RO water
	UP + EDI(DI)	UP + RO	UP				
Feed Water	Tap	Tap	Pure Water	Tap	Tap	Pure Water	Tap
Pure Water Prodcution Range: 5~ 600 L/hr	 Genie G 5 / 10 / 15	 Genie A	 Genie PURIST	 Genie E 5 / 10 / 15			 Genie R 12 / 24 / 32
	 Genie U 12 / 24 / 32			 NuZar E 10			
	 NuZar U+ 24 / 45	 NuZar U 24 / 45	 NuZar Q	 NuZar H 24 / 45	 NuZar C 24 / 45	 NuZar C-DI	 NuZar R 24 / 45
	 Direct Pure U+ 24 / 45	 Direct Pure U 24 / 45	 Direct Pure Q	 Direct Pure H 24 / 45	 Direct Pure C 24 / 45		 Direct Pure R 24 / 45
	 Genie G 30 / 60	 Genie U 40 / 80	 Genie Q	 Genie E 30 / 60	 Genie C 40 / 80		 Genie R 40 / 80
	 Super-Genie G 125	 Super-Genie U 150 / 300		 Super-Genie E 125 / 250 / 500			 Super-Genie R 150 / 300 / 600

All systems are CE/RoHS certified and manufactured in our production facility registered by ISO 9001, ISO 14001, ISO 45001 and ISO 50001.

Ordering Information

Series	Description	Ordering No.
Genie	Genie G 5 System set with TOC	RG0G005T0K
	Genie G 10 System set with TOC	RG0G010T0K
	Genie G 15 System set with TOC	RG0G015T0K
	Genie De-ion Unit	RG0P0U005
	Genie U 12 System set	RG0U01000K
	Genie U 12 System set with TOC	RG0U010T0K
	Genie U 12 System set with tank recirculation	RG0U0100RK
	Genie U 12 System set with TOC and tank recirculation	RG0U010TRK
	Genie U 24 System set	RG0U02000K
	Genie U 24 System set with TOC	RG0U020T0K
	Genie U 24 System set with tank recirculation	RG0U0200RK
	Genie U 24 System set with TOC and tank recirculation	RG0U020TRK
	Genie U 32 System set	RG0U03000K
	Genie U 32 System set with TOC	RG0U030T0K
	Genie U 32 System set with tank recirculation	RG0U0300RK
	Genie U 32 System set with TOC and tank recirculation	RG0U030TRK
	Genie PURIST System set	RG0S00000K
	Genie PURIST System set with TOC	RG0S000T0K
	Genie A System set	RG0A04000K
	Genie A System set with TOC	RG0A040T0K
	Genie E 5 System set	RG0E00500K
	Genie E 5 System set with tank recirculation	RG0E0050RK
	Genie E 10 System set	RG0E01000K
	Genie E 10 System set with tank recirculation	RG0E0100RK
	Genie E 15 System set	RG0E01500K
	Genie E 15 System set with tank recirculation	RG0E0150RK
	Genie R 12 System set	RG0R01000K
	Genie R 12 System set with tank recirculation	RG0R0100RK
	Genie R 24 System set	RG0R02000K
	Genie R 24 System set with tank recirculation	RG0R0200RK
	Genie R 32 System set	RG0R03000K
	Genie R 32 System set with tank recirculation	RG0R0300RK
Large Genie	Genie G 30 Water System set with TOC	RG0G030T0K
	Genie G 60 Water System set with TOC	RG0G060T0K
	Genie U 40 Water System set with TOC	RG0U040T0K
	Genie U 80 Water System set with TOC	RG0U080T0K
	Genie E 30 Water System set	RG0E03000K
	Genie E 60 Water System set	RG0E06000K
	Genie C 40 Water System set	RG0C04000K
	Genie C 80 Water System set	RG0C08000K
	Genie R 40 Water System set	RG0R04000K
	Genie R 80 Water System set	RG0R08000K
	Genie Q Water System set	RG0Q01000K
Super-Genie	Super-Genie G 125 Water System	RL0G01H00
	Super-Genie G 125 Water System with a 100L tank	RL0G01HT1
	Super-Genie U 150 Water System	RL0P01H00
	Super-Genie U 150 Water System with a 100L tank	RL0P01HT1
	Super-Genie U 300 Water System	RL0P03H00
	Super-Genie U 300 Water System with a 100L tank	RL0P03HT1
	Super-Genie E 125 Water System	RL0E01H00
	Super-Genie E 125 Water System with a 100L tank	RL0E01HT1
	Super-Genie E 250 Water System	RL0E02H00
	Super-Genie E 250 Water System with a 100L tank	RL0E02HT1
	Super-Genie E 500 Water System	RL0E05H00
	Super-Genie R 150 Water System	RL0R01H00
	Super-Genie R 150 Water System with a 100L tank	RL0R01HT1
	Super-Genie R 300 Water System	RL0R03H00
	Super-Genie R 300 Water System with a 100L tank	RL0R03HT1
	Super-Genie R 600 Water System	RL0R06H00

The product water of RephiLe systems meet or exceed requirements as described by the organizations below:

Ultrapure water
- ASTM D 1193-2006 Type 1 water
- ISO 3696:1995 Grade 1 water

EDI / DI water
- ASTM D 1193-2006 Type 2 water
- ISO 3696:1995 Grade 2 water
- USP / EP Purified Water

CLRW
- CLSI Clinical Laboratory Reagent Water

Series	Description	Ordering No.
NuZar	NuZar water system, U set	RN0U02000K
	NuZar water system, U set, with 10L tank	RN0U0200TK
	NuZar water system, U 45 set	RN0U04000K
	NuZar water system, U 45 set, with 10L tank	RN0U0400TK
	NuZar water system, U Extended set	RN0UP2000K
	NuZar water system, U Extended set, with 10L tank	RN0UP200TK
	NuZar water system, U 45 Extended set	RN0UP4000K
	NuZar water system, U 45 Extended set, with 10L tank	RN0UP400TK
	NuZar water system, U+ set	RNHU02000K
	NuZar water system, U+ set, with 10L tank	RNHU0200TK
	NuZar water system, U+ 45 set	RNHU04000K
	NuZar water system, U+ 45 set, with 10L tank	RNHU0400TK
	NuZar water system, U+ Extended set	RNHUP2000K
	NuZar water system, U+ Extended set, with 10L tank	RNHUP200TK
	NuZar water system, U+ 45 Extended set	RNHUP4000K
	NuZar water system, U+ 45 Extended set, with 10L tank	RNHUP400TK
	NuZar water system, Q set	RN0Q00000K
	NuZar water system, Q set, with 10L tank	RN0Q0000TK
	NuZar water system, Q Extended set	RN0QP0000K
	NuZar water system, E set	RN0E01000K
	NuZar water system, E set, with 10L tank	RN0E0100TK
	NuZar water system, H set	RN0H02000K
	NuZar water system, H set, with 10L tank	RN0H0200TK
	NuZar water system, H 45 set	RN0H04000K
	NuZar water system, H 45 set, with 10L tank	RN0H0400TK
	NuZar water system, C set	RN0C02000K
	NuZar water system, C set, with 10L tank	RN0C0200TK
	NuZar water system, C 45 set	RN0C04000K
	NuZar water system, C 45 set, with 10L tank	RN0C0400TK
	NuZar water system, C-DI set	RN0CD0000K
	NuZar water system, R set	RN0R02000K
	NuZar water system, R set, with 10L tank	RN0R0200TK
	NuZar water system, R 45 set	RN0R04000K
	NuZar water system, R 45 set, with 10L tank	RN0R0400TK
Direct Pure	Direct Pure water system, U set	RS0U02000K
	Direct Pure water system, U set, with 10L tank	RS0U0200TK
	Direct Pure water system, U 45 set	RS0U04000K
	Direct Pure water system, U 45 set, with 10L tank	RS0U0400TK
	Direct Pure water system, U Extended set	RS0UP2000K
	Direct Pure water system, U Extended set, with 10L tank	RS0UP200TK
	Direct Pure water system, U 45 Extended set	RS0UP4000K
	Direct Pure water system, U 45 Extended set, with 10L tank	RS0UP400TK
	Direct Pure water system, U+ set	RSHU02000K
	Direct Pure water system, U+ set, with 10L tank	RSHU0200TK
	Direct Pure water system, U+ 45 set	RSHU04000K
	Direct Pure water system, U+ 45 set, with 10L tank	RSHU0400TK
	Direct Pure water system, U+ Extended set	RSHUP2000K
	Direct Pure water system, U+ Extended set, with 10L tank	RSHUP200TK
	Direct Pure water system, U+ 45 Extended set	RSHUP4000K
	Direct Pure water system, U+ 45 Extended set, with 10L tank	RSHUP400TK
	Direct Pure water system, Q set	RS0Q00000K
	Direct Pure water system, Q set, with 10L tank	RS0Q0000TK
	Direct Pure water system, Q Extended set	RS0QP0000K
	Direct Pure water system, H set	RS0H02000K
	Direct Pure water system, H set, with 10L tank	RS0H0200TK
	Direct Pure water system, H 45 set	RS0H04000K
	Direct Pure water system, H 45 set, with 10L tank	RS0H0400TK
	Direct Pure water system, C set	RS0C02000K
	Direct Pure water system, C set, with 10L tank	RS0C0200TK
	Direct Pure water system, C 45 set	RS0C04000K
	Direct Pure water system, C 45 set, with 10L tank	RS0C0400TK
	Direct Pure water system, R set	RS0R02000K
	Direct Pure water system, R set, with 10L tank	RS0R0200TK
	Direct Pure water system, R 45 set	RS0R04000K
	Direct Pure water system, R 45 set, with 10L tank	RS0R0400TK

Pure Water Applications

RephiLe water technology platforms include continuous electro-deionization (CEDI) technology, reverse osmosis, as well as the other advanced purification technologies to meet the needs of various laboratories and pilot production requirements. In addition to optimized flow paths, each water system comes with a process control management, which provides continuous purity monitoring after every purification step, so that an overall consistent and reliable performance can be achieved. The application of the Internet of Things technology in some of the RephiLe water systems offers improved efficiency and expanded freedom to laboratory professionals.

RephiLe provides a full range of lab water systems for small to medium size applications, water production from 5 to 600 liters per hour.

Main product series:

Genie Benchtop Water Systems

Powerful & Forward-looking design

NuZar Benchtop Water Systems

All-in-one & Competitive cost of ownership

Direct Pure Benchtop Water Systems

Compact and small footprint. Design for simplicity

Large Genie Benchtop Water Systems

High output. Daily water production up to 1,900 liters

Super-Genie Centralized Workstations

Highly integrated & Small footprint & Fully-featured

Superior performance, while easy to use.

Genie Water System

Genie is a powerful and revolutionary laboratory water purification product line from RephiLe. Apart from its elegant appearance, it utilizes modern technologies to bring outstanding user experience to your lab.

Main Features

- More freedom than ever. The distance of a remote dispenser from the system is no longer limited by the length of cables or wires, and can be discretely set up into a hood or a cleanroom
- Placement flexibility- on the bench, under the sink or wall-mounted to save valuable laboratory space
- Monitoring of consumables and accessories through RFID technology provides users with real-time operational intelligence
- Mercury-free germicidal LED UV lamp for in-line UV disinfection and in tank sanitization module (TSM)
- No special tools are needed for system maintenance. Simple service
- 9 display languages for selection

1+N mode

- 1 main system can drive N units of dispensers (Up to 10 now, upgradeable)
- 1 control console manages set-up of all peripheral devices.

Comprehensive process control

- Continuous water quality monitoring after every purification step for reliable operation
- Multiple touch screen control
- Highly responsive touch screens
- Latex glove-friendly & perfect for wet labs

6 configurations: G / U / E / A / R & PURIST

Feed Water			Product Water		
Pure	Tap		Ultrapure	Pure	
	●	Genie G	●	●	(EDI: 5 / 10 / 15 L/hr)
	●	Genie U	●	●	(RO: 12 / 24 / 32 L/hr)
●		Genie PURIST	●		
	●	Genie A	●	●	(UP/RO: 0.5 L/min)
	●	Genie E		●	(EDI: 5 / 10 / 15 L/hr)
	●	Genie R		●	(RO: 12 / 24 / 32 L/hr)

Genie G Water Systems

Ultrapure & EDI pure water

This simple-to-use water system combines an optimized sequence of water purification technologies in a compact unit. It offers desired solutions for research professionals who work with varieties of applications utilizing both Type I ultrapure and EDI pure water in the lab.

Highlights

- On-line TOC measurement
- Exceptionally consistent and predictable high purity of product water
- Continuous and accurate tank water level monitoring
- Tank circulation mode available

Equipped with EDI module
Fully-integrated, reliable & sustainable

Genie PURSIT Water Systems

Ultrapure water

The system produces Type I ultrapure water from purified water (RO, EDI, deionized or distilled water) for demanding applications.

Highlights

- On-line TOC measurement
- Integrated feed water conductivity sensor
- An optional feed water level sensor to prevent the system from pumping air, suitable for all water containers of different size and shape

Easy to use & control
Reliable performance

Genie A Water Systems

Ultrapure & RO pure water

Requiring no water reservoir, Genie A generates ultrapure water and RO water on demand from tap water. It is a cost-saving replacement of bottled water with traceable data, also an ideal choice for users who need up to 20 liters of ultrapure water or RO water per day.

Highlights

- On-line TOC measurement
- No storage tank needed, eliminating potential contamination
- Compact and space-saving
- Consistent and stable RO permeability over a wide range of temperature

Plug-and-play
No storage tank required

NuZar Water System

All-in-one design. Reliable, Stable, Traceable and Predictable

NuZar integrated water systems are powerful, intelligent, and compact with small footprint. They are specially designed for laboratories that demand a balance between cost of ownership and exceeding their purified water requirements.

The systems are easily integrated in the laboratory. They can be placed on a bench or on the wall.

Two alternative dispenser heights are provided, giving maximum convenience to users.

Main Features

- Simple Plug-N-Play installation and easy maintenance
- A 2.4" color touch screen on each ergonomic dispenser with intuitive display
- Each dispenser is available in 2 height options (upper or lower) for flexible placement
- Mercury-free germicidal UV lamp preinstalled in tank sanitation module (TSM). Environmentally friendly
- An in-built single pretreatment P Pack & a 10 L integrated tank (NuZar U/U+/E/H/C/R)
- Remote dispenser Specially for NuZar U Extended, U+ Extended and Q Extended models
- Competitive cost of ownership and low running cost

Main Components

Cartridges

Dispenser

Tank

8 configurations: U / U+ / Q / E / H / C / C-DI / R

Feed Water			Product Water	
Pure	Tap		Ultrapure	Pure
	●	NuZar U	●	● (RO: 24 / 45 L/hr)
	●	NuZar U+	●	● (DI: 2 L/min)
●		NuZar Q	●	
	●	NuZar E		● (EDI: 10 L/hr)
	●	NuZar H		● (DI: 24 / 45 L/hr)
	●	NuZar C		● (CLRW: 2 L/min)
●		NuZar C-DI		● (CLRW: 2 L/min)
	●	NuZar R		● (RO: 24 / 45 L/hr)

Small foot-print

RFID technology

Data traceability

Low running cost

Environmentally friendly

NuZar U Water Systems

Ultrapure & RO pure water

With two dispensers and a 10 L quality HDPE tank (extendable), NuZar U can deliver up to 2 liters of ultrapure water per minute and produce up to 45 liters of RO water per hour.

Highlights

- Two dispensers, for ultrapure water (UP) and RO pure water (HP) respectively
- Automatic RO membrane cleaning cycles (Cl, and pH cleaning)
- Suitable for HPLC mobile phase preparation and sample dilutions for GC, ICP-OES, etc.

NuZar Q Water Systems

Ultrapure water

NuZar Q ultrapure water system delivers up to 2 liters of ultrapure water per minute.

Highlights

- Automatic hourly recirculation of ultrapure water
- Choice of final filters: RephiBio and 0.2 um final filter
- Equipped with one ultrapure water dispenser
- A universal feed water level sensor (with an accuracy of 1%) to prevent the system from pumping air (Optional)

NuZar H Water Systems

De-ionized pure water

NuZar H produces up to 45 liters of DI water from tap water per hour.

Highlights

- Highly-efficient DI cartridge
- Equipped with an automatic tank recirculation mode to guarantee tank water quality
- Ensure a steady high quality of DI pure water. Always ready to use

NuZar C Water Systems

Clinical laboratory reagent water

NuZar C clinical water system produces up to 2 liters of clinical laboratory reagent water from tap water per min.

Highlights

- A good match for bench top clinical analyzers or multiple analyzers
- Direct feed to an analyzer after going through a 0.2 um membrane filter (2.5 in) or an ultrafiltration filter at the product water outlet

Direct Pure Water System

Pure water, Pure convenience. Direct Pure delivers.

Building upon the established stability and reliability of its predecessor, the upgraded Direct Pure water purification system incorporates state-of-the-art, customer-centered designs that focus on user experience. Its compact footprint allows for seamless integration into any laboratory setting while offering greater convenience in every aspect of use.

Main Features

- Convenience and Efficiency: Effortless water dispensing, simplified maintenance procedures, and consumable management.
- Intuitive User Interface: A 2.4-inch high-resolution color touchscreen provides real-time information on consumable lifespan, system errors, alerts, and other critical parameters, simplifying operation and maintenance.
- Improved assured performance: The system set incorporates multiple dependability features, such as leak detection and overflow sensors.
- Data Traceability: Up to 2 years of data backup (historical water quality parameters and alarm records).
- Environmentally friendly: A mercury-free 265 nm germicidal UV lamp is utilized in the sanitization module. Digital and paperless data management.
- The system set can be optionally configured with a 10-liter integrated water tank, a remote dispenser, or both (available for U / U+ /Q Extended models).

6 configurations: U / U+ / Q / H / C / R

Feed Water			Product Water		
Pure	Tap		Ultrapure	Pure	
	●	Direct Pure U	●	●	(RO: 24 / 45 L/hr)
	●	Direct Pure U+	●	●	(DI: 2 L/min)
●		Direct Pure Q	●		
	●	Direct Pure H		●	(DI: 24 / 45 L/hr)
	●	Direct Pure C		●	(CLRW: 2 L/min)
	●	Direct Pure R		●	(RO: 24 / 45 L/hr)

Reliable water quality | **Easy to use** | **Built-in assurance features** | **Data traceability** | **Environmentally friendly** | **Low running cost**

Direct Pure U+ 24/45

Ultrapure & DI pure water

Generates ultrapure and DI water from tap water, producing up to 900 liters of purified water per day.

It offers greater convenience in every aspect of use, including process control, data traceability, and assured performance.

Highlights

- One UP dispenser for ultrapure water
- A remote UP dispenser is equiped for U+ Extended models
- Automatic RO membrane cleaning cycles (Cl, and pH cleaning)

Direct Pure Q

Ultrapure water

Delivers up to 2 liters of ultrapure water per minute. The compact footprint ensures seamless integration into any laboratory setting.

Highlights

- Automatic hourly recirculation of ultrapure water
- Choice of final filters: RephiBio and 0.2 um final filter
- A 10-liter built-in feed water tank (optional)
- A universal feed water level sensor (with an accuracy of 1%) to prevent the system from pumping air (Optional)

Placement flexibility:

- Under the bench
- On the bench
- Wall-mouted

Large Genie High Output Benchtop Water Systems

A small footprint to maximize your lab space with daily production up to 1,900 L

The Large Genie series is a mini high output water purification system.

It is an ideal solution for users who need large quantity high quality pure water per day but have limited lab space. The system potentially can have a positive impact on your overall operational costs and helps improving the profitability position of your facility.

Main Features

- Compact design with high efficiency components and optimized combination of functional parts
- Mercury-free germicidal LED UV lamp in tank sanitization module (TSM) and in-line UV disinfection
- Deposite EDI water of desired quality. Diversion to drain if EDI permeate fails to pass the setting point of quality. Free to switch on/off. Beneficial for pharmaceutical companies (Genie G/E)
- Placement flexibility- on the bench, wall-mounted or stacked on the purification & distribution module
- RephiLink for remote control and monitoring

Compact size

Low noise

Light weight

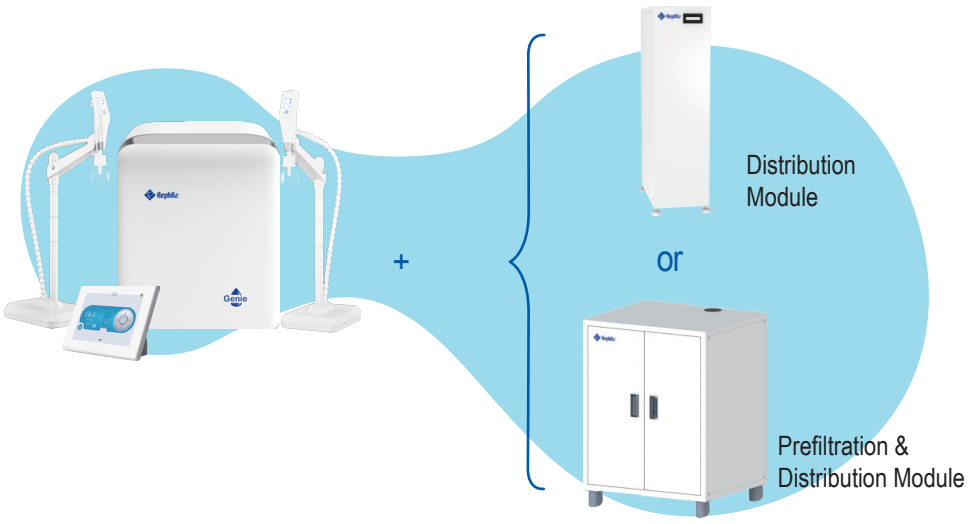
Low shipping cost

Environmentally friendly

6 configurations: G / U / E / C / R /Q

G & U produce two types of water from one system with TOC monitoring.

Feed Water			Product Water	
Pure	Tap		Ultrapure	Pure
	●	Genie G	●	● (EDI: 30 / 60 L/hr)
	●	Genie U	●	● (RO: 40 / 80 L/hr)
	●	Genie E		● (EDI: 30 / 60 L/hr)
	●	Genie C		● (CLRW: 2 L/min)
	●	Genie R		● (RO: 40 / 80 L/hr)
●		Genie Q	●	



Genie C Water Systems

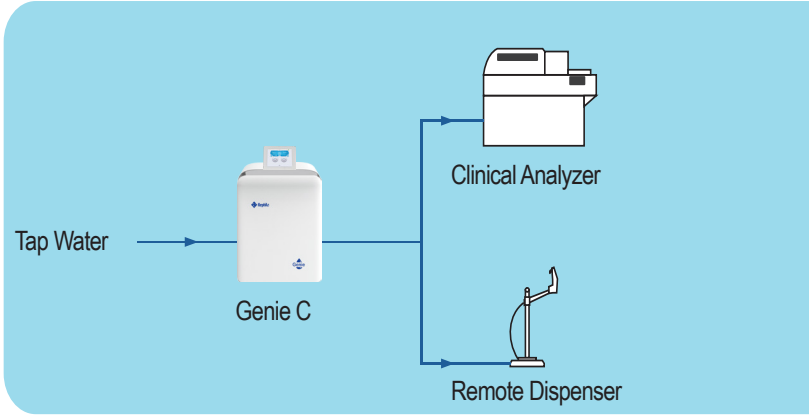
Clinical laboratory reagent water

Deliver Clinical Laboratory Reagent Water (CLRW) at the rate of up to 2 L/min.

Highlights

- A good match for clinical analyzers or multiple analyzers
- Direct feed to an analyzer or connect with a remote dispenser
- A 0.2 um membrane filter (2.5 in) or an ultrafiltration filter at the analyzer inlet to reduce the bacterial contamination risk

Connect directly to analyzers



An overall control of all peripheral devices, from feed water to distribution loop

Genie Q Water Systems

Ultrapure water

Produce Type I ultrapure water from purified water (RO, EDI, deionized or distilled water) at the rate of 10 L/min

Highlights

- Full-process digital monitoring: Real-time display of multiple water quality parameters.
- RFID technology facilitates comprehensive monitoring of consumables and accessories' operational status, delivers real-time performance feedback, and ensures reliable traceability of historical data

10 L/min flow rate

Super-Genie Water Systems

Centralized workstations with daily pure water production up to 14,000 L from tap feed water

At a 0.5 m 2 small footprint with a low noise level,
Super-Genie can be placed at benchside to feed the entire lab.

Quiet with a small footprint, Super-Genie systems are suitable for those who need pure water in high quality and large quantity, designed for a single lab facility or several labs with production up to 14,000 L daily.

They are highly integrated and fully-featured centralized water systems, meeting variable requirements from low to high volume water usage.

A Benchside Water Station for Your Daily Use

- A large system that lives in your lab
- Easy & convenient delivery of water
- Easy maintenance & increasing productivity

Main Features

Convenient

- Intuitive modular design with a high degree of integration
- Remote dispensers for using of pure or ultrapure water
- Water qualities and operation parameters displayed on an 8" color touch screen
- No tools needed to replace consumables
- RephiLink App for remote control and monitoring

Reliable

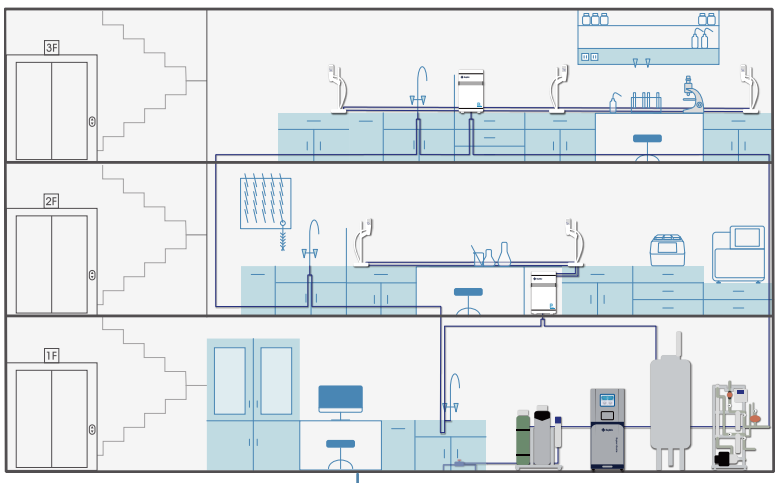
- Cutting-edge technologies ensure system stability
- One command center for all peripheral devices, from feed water to distribution loop, ensures smooth operations
- Enhanced data management stores up to 2 years of historical information for service and review
- Optional emergency bypass switches quickly to maintain water production for hours

Cost-effective

- One system for generating pure and ultrapure water available
- Easy installation, use and maintenance with less costs
- Integrated 100 L reservoir saving precious lab space

Water supply to one floor

Water supply to a single lab



Water supply to several floors

4 configurations: G / U / E / R

Feed Water		Product Water	
Tap		Ultrapure	Pure
●	Super-Genie G	●	● (EDI: 125 L/hr)
●	Super-Genie U	●	● (RO: 150 / 300 L/hr)
●	Super-Genie E		● (EDI: 125 / 250 / 500 L/hr)
●	Super-Genie R		● (RO: 150 / 300 / 600 L/hr)

Maximum production rate:

EDI - 500 L/hr

RO - 600 L/hr

Super-Genie G

- Produces ultrapure & EDI water from tap water
- EDI water production rate reaches 125 L/h
- Ultrapure water dispensing rate up to 2 L/min
- On-line TOC measurement based on complete oxidation methodology

Super-Genie U

- Produces ultrapure & RO water from tap water
- RO water production rates range from 150 to 300 L/h
- Ultrapure water dispensing rate up to 2 L/min
- On-line TOC measurement based on complete oxidation methodology

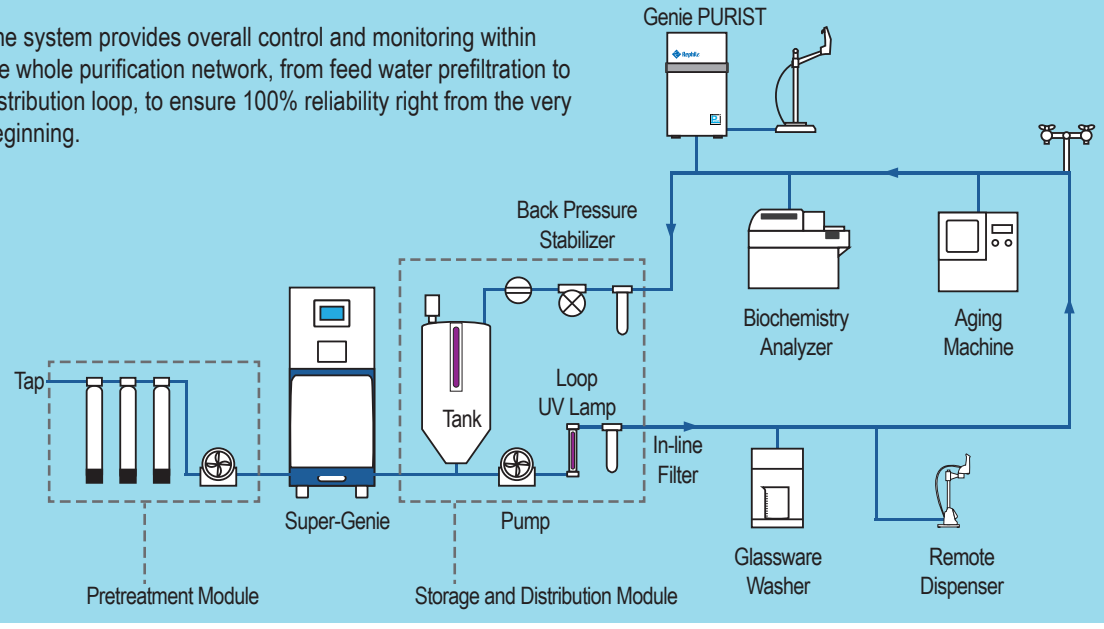
Super-Genie E

- Produces EDI water from tap water directly
- Production rates range from 125 to 500 L/h
- Dispensing rate up to 2 L/min

Super-Genie R

- Produces RO water from tap water
- Production rates range from 150 to 600 L/h
- Dispensing rate up to 2 L/min

The system provides overall control and monitoring within the whole purification network, from feed water prefiltration to distribution loop, to ensure 100% reliability right from the very beginning.



Parts & Accessories

Main Components

Command and control center

- 8" touch screen with highly intuitive navigation program allowing total control and easy 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

Remote dispenser with a 2.4" touch screen

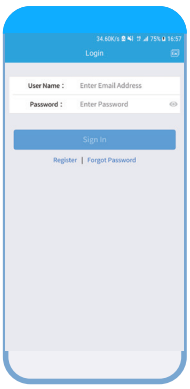
- Manual and volumetric dispensing, adjustable dispensing rate, and water quality monitoring
- Ergonomic dispenser allowing one-handed operation and control
- Operable with gloves and wet hands
- Height adjustable and 360 degrees rotatable on an anti-skid base

Powerful key of purification

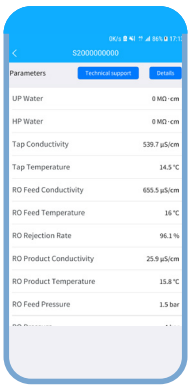
- Improved stability of water quality & efficiency of polishing resins through an optimized flow design
- High pressure rated housings, proprietary sealing, and double
- O-ring designs ensuring operational confidence
- A worry-free installation with three verifications: color, labels, and RFID recognition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

RephiLink App
Free up your time !

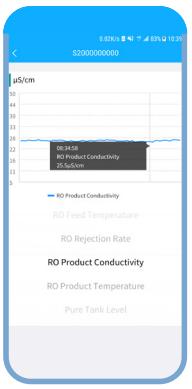
To help you keeping an eye on your Genie or Super-Genie water systems from anywhere with an internet connection.



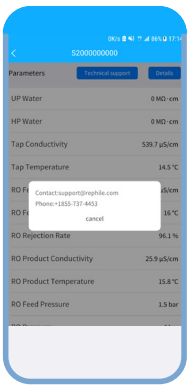
Personal Account



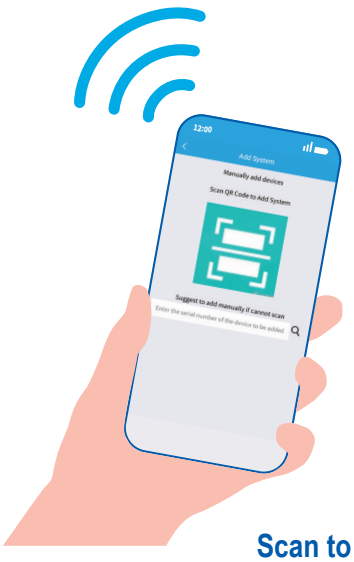
System Parameters



Data Tracking



Getting Support



Scan to Add

With RephiLink, you can

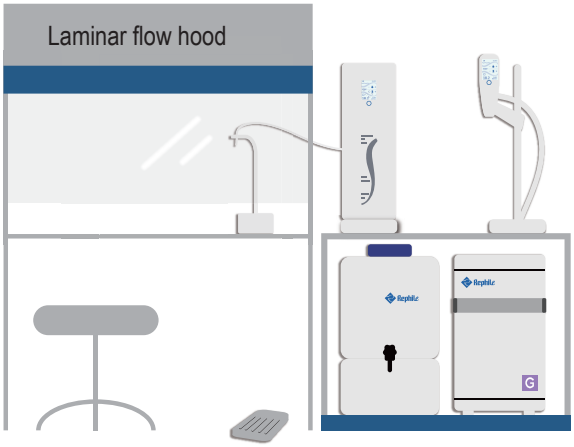
- Access or monitor system via a smartphone, a tablet or a lap top
- Review instrument performance, status and history remotely at hand
- Receive alarm notifications and make the right decisions to minimize system downtime

Parts & Accessories

Accessories

Genie De-ion

As an essential addition to Genie ultrapure water purification system portfolio, Genie De-ion not only further purifies upstream ultrapure water, but also provides secure delivery of elemental controlled purified water for technical-challenging applications, elemental contaminants down to ppt and sub-ppt levels.



A Genie system can be placed -

- on the bench
- under the sink
- wall-mounted

The footswitch for hands-free water delivery.
Minimum contamination risk.

Highlights

- ICP ultra-purification cartridge dedicated to ultra-trace element analysis
- Intuitive operation menu displayed on a 2.4" built-in color touchscreen
- Compact. Easy integration into a laboratory space
- Multiple choices to dispense water. Maximum safety and convenience

RephiBio Filter

Point-of-use filters for pyrogen, nuclease and bacteria free water

- Effective and efficient removal of pyrogen, RNases, DNases and bacteria
- No need for DEPC treatment of water during any application. Time and cost saving, minimized risks
- Ease of maintenance -easily fitted and replaced
- With a protective end-ball
- Integrity tested

Reservoir

HDPE tanks (30/60/100/350 L) to provide reliable protection of purified water

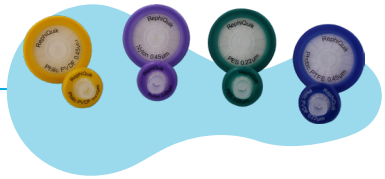
- Opaque construction and smooth inner surface to minimize biofilm formation and algal growth
- No dead volume thanks to cylindrical shape and conical bottom design. Easy in emptying and cleaning
- Compact design of mercury-free germicidal UVC LED sanitization module to effectively reduce bacterial proliferation inside the tank

Laboratory Filtration Products

- Reliable Manufacturing Process
- Faster Speed and Higher Recovery
- Excellent Performance Consistency
- Low Extractables
- Broad Chemical Compatibility

RephiQuik Syringe Filters

Sterile / Non-sterile Syringe Filters



RephiQuik Sterile Syringe Filters

- Diameters: 32 mm
- Membranes: PES
- Pore sizes: 0.22
- Packing (pcs/pk): 100

RephiQuik Non-sterile Syringe Filters

- Diameters: 13 / 32 mm
- Membranes: Nylon / PTFE / PES / PVDF
- Pore sizes: 0.22 / 0.45 µm
- Packing (pcs/pk): 100 / 1000

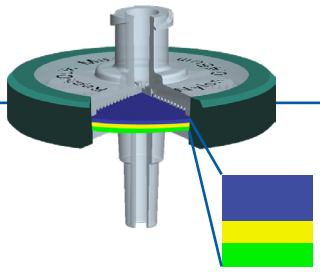
RephiQuik Max Syringe Filters

Multi-layer Syringe Filters

RephiQuik Max Multi-layer Composite Syringe Filters

- Excellent for hard-to-filter high particulate loaded samples
- Diameters: 32 mm
- Membranes: PTFE / PES / PVDF
- Pore sizes: 0.22 / 0.45 µm
- Packing (pcs/pk): 100

3 filtration layers to reduce blockage and increase volume throughput.



Enhanced Filtration Efficiency

RephiQuik 50 mm Air Vent PTFE Filters

Sterile / Non-sterile Syringe Filters

Used in sterilization of fermentor air and the filtration of incubator gas to prevent culture media contamination, as well as sterilization or filtration of an organic solution.

RephiQuik 50 mm Air Vent PTFE Filters

- Pore sizes: 0.22 µm
- Packing (pcs/pk): 50 / 100
- Autoclavable

RephiDisc Membrane Filters

RephiDisc Membrane Filters

- Diameters: 25 / 47 / 50 mm
- Membranes: MCE / Nylon / PTFE / PES / PVDF
- Pore sizes: 0.22 / 0.45 µm
- Packing (pcs/pk): 100 (47 / 50 mm), 500 (25 mm)
- Non-sterile. Autoclavable

RephiQuik color-coded filters to ensure an easy selection

Hydrophobic PTFE	Hydrophilic PVDF	Hydrophilic PES	Hydrophilic Nylon

Replacement Consumables

for Millipore Lab Water Systems

RephiLe offers a wide range of replacement cartridges and accessories for Millipore lab water systems with desired performance and functionality. Products include cartridges, UV lamps, RO membranes, EDI modules, etc.

- **Superior Quality**
- **Guaranteed Performance**
- **Highly Cost-effective**

Pretreatment Filtration Cartridges

Designed for water softening and to remove large particles, organic compounds and chlorine from tap water.

- RephiSolo P Pack
- RephiDuo P Pack
- RephiDuo L Pack
- RephiDuo A Pack S2
- RephiQuatro P Pack...

Ultrapure Cartridges

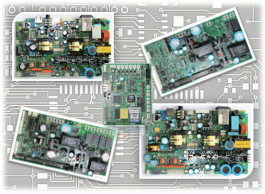
Designed to remove ionic and organic contaminants down to trace levels from RO or distilled pure water.

- RephiSolo U Pack
- RephiSolo S Pack
- RephiDuo U Pack
- RephiDuo S Pack
- RephiDuo A Pack TIX/TEX
- RephiQuatro U Pack...

Repair Services

- PCB and power boards
- Various dispensers
- 6 months warranty after service

*Please contact RephiLe for details.

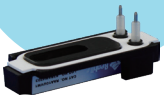


Final Filter

Vent Filter

EDI Module

Pump



A10 UV Lamp

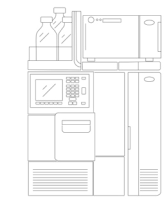
RO membranes

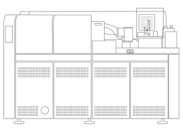
Level Sensor

UV Lamps

Pure Water Applications

Applications	Ultrapure water	EDI water	CLRW	RO water
AA	●			
Electrochemistry	●	●		
Electrophoresis	●			
Endotoxin analysis	●			
GC-MS	●			
GF-AAS	●			
HPLC	●			
Hybridisation	●			
IC	●			
ICP-AES	●			
ICP-MS	●			
Immunocytochemistry	●			
Mammalian cell culture	●			
Molecular biology	●			
Monoclonal antibody research	●			
PCR	●			
Plant tissue culture	●			
Sample dilution and reagent preparation	●	●		
Solid phase extraction	●			
Spectrophotometry	●			
TOC analysis	●			
Trace metal detection	●			
Water analysis	●			
Bacterial cell culture		●		
Buffer and media preparation		●		
Clinical biochemistry		●		
Culture media		●		
Electrophysiology		●		
ELISA		●		
Endoscopy		●		
Environmental chambers & plant growth rooms		●		
Feed to ultrapure water systems		●		
Flame-AAS		●		
General chemistry		●		
Histology		●		
Hydroponics		●		
Media preparation		●		
Microbiological analysis		●		
Ophthalmics		●		
Qualitative analyses		●		
Radioimmunoassay		●		
Steam generation		●		
Serum and blood fractionation		●		
Automatic medical device			●	
Clinical analyzers			●	
Dilution of clinical reagents			●	
Feeding washing stations for probe tips			●	
Reaction cuvettes cleaning			●	
Temperature controlled incubator baths			●	
Autoclave				●
Feed to stills				●
Feed water for laboratory animals				●
Model animal feeding				●
Washing machine for glassware				●
Water bath water				●





About RephiLe Bioscience: Revolution in Filtration

Driven by innovation and quality, RephiLe is a dedicated provider of water purification systems and laboratory filtration products. RephiLe also produces comprehensive consumables that can be used in Millipore lab water systems with reliable performance. It is our commitment to becoming a partner of choice for customers in the area of life science and biotechnology.

RephiLe is striving to bring superior quality, high value and innovative purification tools to enable and accelerate the advancement of the life sciences and technologies. Products are being sold into 100 countries worldwide.

www.rephile.com

RephiLe Bioscience, Ltd.

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

For any further information,

please contact us by info@rephile.com

Literature: RFPR1492606