

PURIST Pro Ultrapure Water System

Produces Type I ultrapure water from pure water, flow rate up to 2 L/min

PURIST Pro is a newly developed intelligent ultrapure water system with advanced remote control and diagnosis functions, taking advantage of modern information technology. It produces Type I ultrapure water from RO, distilled or deionized water.

Quality of ultrapure water meets or exceeds ASTM, CLSI and ISO Type I water standards. The system is CE and RoHS certified.

Features

- **On-line TOC monitor** based on complete oxidation methods (for TOC models)
- **RephiBlue mobile app** for remote control and monitoring (for TOC models)
- Feed water conductivity monitor for an optimal consumables life span
- Optional USP certified final ultrafiltration cartridge for efficient removal of pyrogen
- A high capability dual wavelength UV lamp for efficient control of TOC level
- Built-in liquid level sensor access ports compatible for a variety of tanks



Highlights

NEW!

RephiBlue mobile app



Remote Control

Control the work of your water system and monitor water quality & quantity simply from a smart device. Easy and efficient.

Status Monitoring

View parameters of water quality and consumable service life anytime from the screen of your mobile devices. Remote diagnosis can also be achieved. Peace in mind.

Individual Account Management

Up to 10 individual accounts can be assigned with password and water quantity used by each authorized user can be traced by app. Added convenience for laboratory management.

Historical Data Archive

Daily water quality for up to 2 years are traceable through app, which can be downloaded via the Bluetooth for requirements of data documentation management.

Service at your fingertips!

A comprehensive range of Cartridges

Various types of cartridges have been developed to best satisfy different application needs. You can customize your water quality with PURIST Pro from a complete group of selections.

General type	Conventional experiments
Low TOC type	Experiments highly sensitive to TOC level
Low Boron type	Element analysis
ICP type	ICP-MS, PPT grade analysis
Low Mg type	NGS high throughput sequencing
DI Feed type	Feed water with high particle content

Target unwanted contaminants specifically as you need!

Independent Ultrapure water dispenser

- Resistivity sensor inside
- Measurement at point of dispensing
- Volumetric dispensing and calibration
- 360-degree rotatable
- Height adjustable
- Up to 3 meters tubing for convenient use



Specifications

PURIST Pro	
Feed Water Requirements	
Feed water	EDI water, RO water, Distilled water, Deionized water
Operating temperature	5 - 35°C
Feed water pressure *	0 - 15 psi (0 - 1 bar)
Product Water Quality	
Flow rate (@ 25°C)	≤ 2 L/min
Resistivity (@ 25°C)	18.2 MΩ-cm
TOC level **	< 5 ppb
Particles (> 0.2 μm)***	< 1 /ml ()
Microorganisms***	< 0.1 cfu/ml
Pyrogens (endotoxins)****	< 0.001 Eu/ml
Dimensions	
Main system Length x Depth x Height	30 cm x 48 cm x 51 cm
Dispenser Diameter x Height	22 cm x 74 cm

* It's recommended to use a pressure regulator if feed water pressure is above 15 psi (1 bar)

** When TOC Level of feed water is < 50 ppb

*** with a 0.2 μm final filter or terminal ultrafiltration filter

**** with a terminal ultrafiltration filter

Applications

- HPLC mobile phase preparation
- Preparation of reagent blank solutions
- As sample diluent for GC, HPLC, ICP-MS, AA and other analytical techniques
- Preparation of buffers and culture media for mammalian cell culture
- Preparation of molecular biology reagents, etc.



Ordering Information

Description	Cat. No.
PURIST Pro Ultrapure Water System, 100 - 240 V, with dispenser	RS220PNUV
PURIST Pro Ultrapure Water System, 100 - 240 V, with dispenser and TOC	RS220PNTV
Remote Dispenser	RSP0U000N

Rephile provides complete water purification solutions

For best results in using PURIST water system, Rephile recommends using feed water produced from Direct-Pure EDI (Type II water) or Direct-Pure RO systems.



All rights reserved © 2017 Rephile Bioscience, Ltd.
Rephile, PURIST, Direct-Pure are registered trademarks of Rephile Bioscience, Ltd.
TM and (R) may be omitted in this brochure.

Rephile Bioscience, Ltd.

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

E-mail: info@rephile.com