

Direct Pure | Direct Pure Water System, C

Generates clinical laboratory reagent water from tap water, producing up to 900 liters of purified water per day.

Direct Pure C is a good match for bench top clinical analyzers or multiple analyzers located throughout a clinical laboratory on a distribution loop system. It can feed analyzers directly with reliable CLRW water.

This system is manufactured in our production facility, which is registered under the ISO 9001, ISO 14001, ISO 45001 and ISO 50001 standards. Additionally, It is CE and RoHS certified.



Direct Pure C

Key Features

Reliable water quality

- | Stable RO permeability over a wide range of temperatures
- | Diversion to drain if quality of RO permeate falls below set-point

Data traceability

- | Automatic data backup for up to 2 years
- | Easy data transfer via multiple interfaces, including LAN, USB

Low running cost

- | High-efficiency cartridges and energy-efficient components
- | All-in-one design. Space-Saver

Easy to use

- | An intuitive touchscreen menu allows you to easily access to real-time water quality monitoring, manual and volumetric dispensing, adjustable flow rates, and system alerts
- | Quick Installation. Simple maintenance and upkeep
- | Placement flexibility

Environmentally friendly

- | Mercury-free 265 nm germicidal UV lamps
- | Digital and paperless data management
- | Manufactured using green energy sources



Designed for Pure Simplicity

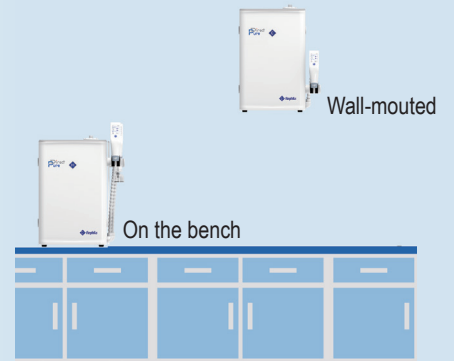
Specifications

Parameter		Direct-Pure C
Electrical specifications		
Operating voltage		24 VDC
Input voltage		100 - 240 VAC
Main system power		< 190 W
Feed Water Requirements		
Conductivity / TDS		< 2000 μ S/cm @ 25 °C / < 1000 ppm
Temperature		5 - 35 °C (41 - 95 F)
Pressure		1.0 - 6.0 bar (15 - 90 psi)
Product Water Type		CLRW water
Dimensions & Weight		
Dimensions W x D x H	with 10 L tank	414 x 422 x 624 mm (16.3 x 16.6 x 24.5 in)
	w/o 10 L tank	414 x 310 x 624 mm (16.3 x 12.2 x 24.5 in)
Weight	net	20 kg
	gross	29 kg

Product Water Quality	Direct-Pure C
Production flow rate to tank	24, 45 L/h
Dispenser rate	Up to 2 L/min
Resistivity (@ 25 °C)	> 10 M Ω ·cm
TOC	< 30 ppb
Microorganisms	< 1 cfu/ml
Silica	< 3 ppb
RO rejection	97 - 98% ionic rejection (new RO cartridge), > 99% organic rejection, > 99% particulates & bacteria rejection

Water Quality Compliance

Quality of product water meets clinical laboratory reagent water (CLRW) standards that complies with the CLSI guideline.



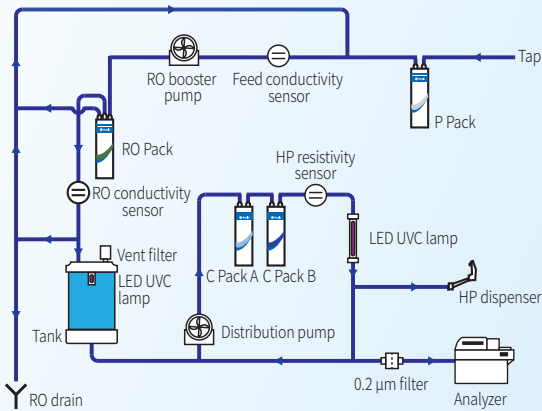
Cartridges

- High pressure rated housings
- Double O-ring sealing
- Color-coded labels
- Clear identification markings



Storage tank

- A 10-liter integrated HDPE tank
- Scalable to 30/60/100/350 liters
- Equipped with a tank sanitization module



Description	Cat. No.
Direct Pure water system, C 24 set	RS0C02000K
Direct Pure water system, C 24 set, with 10L tank	RS0C0200TK
Direct Pure water system, C 45 set	RS0C04000K
Direct Pure water system, C 45 set, with 10L tank	RS0C0400TK

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Literature: RFPFR1872606