

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 9001:2015 and ISO 14001:2015 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



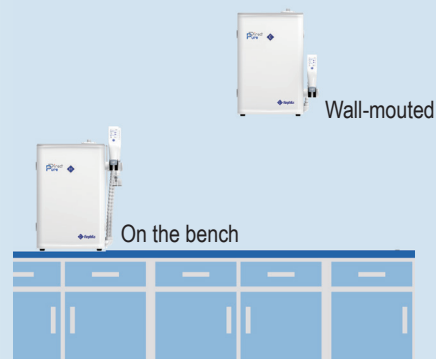
Specifications

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 µS/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

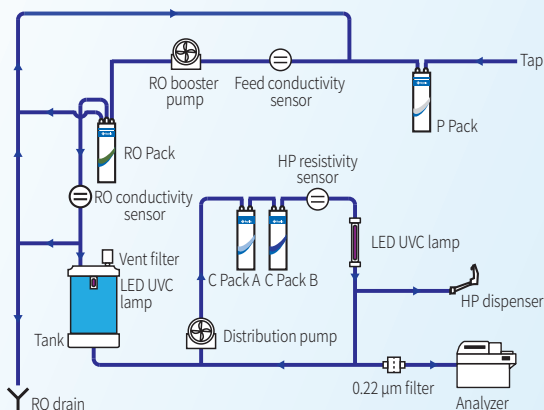
- High pressure rated housings
- Double O-ring sealing
- Color-coded labels
- Clear identification markings



Storage tank

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

Flow Schematic



Ordering Info

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: RFP1872502