

## CLiR 5100 SERIES

TYPE I ULTRAURE POU WATER SYSTEM

GENERAL CHEMISTRY  
ACADEMIA  
REAGENT GRADE SOLUTIONS

Designed for general laboratory applications, the CLiR 5100 delivers up to 2.5 LPM of Type I, 18.2 MΩ water quality on demand. The water is purified using a multi-stage purification process. In the two-step deionization stage, source water passes through high-purity ion exchange resins to remove dissolved minerals. A subsequent stage uses a 0.2 micron filter to remove particulates and bacteria before dispensing. The result is water that meets universally recognized Type I specifications.



### FEATURES

- Up to 2.5 LPM Of 18 Megohm Type 1 Reagent Water On Demand
- Intuitive, User Friendly Touch-Screen Interface
- Real Time Quality Monitoring With Leak Detection
- Compact Design With Remote Dispense Option
- Quick Change, No Tools Cartridge Design
- Large Capacity, Low Cost Consumables Cartridges
- Genuine Resintech Media

### SYSTEM REQUIREMENTS

**Source/Type:** Reverse osmosis (RO) or Service deionization (SDI)

**Conductivity:** RO: < 20μS/cm, SDI: > 1 MΩ (Resistivity)

**Power:** 110 VAC 60 Hz (1.0 amp) 220 VAC / 50 Hz (0.5 amp)

**TOC (Optional):** RO: < 50 ppb or SDI: < 200 ppb

**Temperature:** 4°C to 38°C

EFFLUENT WATER	
<b>Resistivity</b>	18.2Ω
<b>Flow Rate</b>	Up to 2.5 LPM
<b>Bacteria</b>	< 1 CFU/ml
<b>Endotoxin*</b>	5300 & 5400 Only
<b>Particulates</b>	< 0.2 μm
<b>TOC</b>	< 10 ppb
<b>RNase</b>	5300 & 5400 Only
<b>DNase</b>	5300 & 5400 Only

Revision 1.3  
ResinTech, Inc.



## SYSTEM ORDERING GUIDE

Model Part Numbers	Description
<b>CLS-5100-S-1</b>	Benchtop base system, 120V/60Hz
<b>CLS-5100-S-2</b>	Benchtop base system, 220V/50Hz
<b>CLS-5100-R-1</b>	Remote dispense configuration base system, 120V/60Hz
<b>CLS-5100-R-2</b>	Remote dispense configuration base system, 220V/50Hz

## CONSUMABLES SOLD SEPERATELY

Part Number	Description
<b>CLF-5000-C1</b>	Dual Conditioning Cartridge (RO Feed)
<b>CLF-5000-C2</b>	Dual Conditioning Cartridge (SDI / TAP Feed)
<b>CLF-5000-P1</b>	Polishing Ultrapure Cartridge
<b>CLF-5000-P2</b>	Polishing Ultrapure Low Organics Cartridge
<b>CLF-XX-6402</b>	POU 0.2 micron Capsule Filter - 1/4" MNPT x 1/4" hose barb
<b>CLF-5000-02E</b>	POU 0.2 micron Endotoxin Removal Capsule Filter - 1/4" MNPT x 1/4" hose barb
<b>CLF-5000-005**</b>	0.05 micron Ultrafilter - 3/8" Quick Disconnect Fitting

\*\* Pre-installed in 5300 and 5400 only

## INSTALLED OPTIONS & ACCESSORIES\*

Part Number	Description
<b>CLA-5000-DF</b>	Direct Feed Port
<b>CLA-5000-DG</b>	Recirculating Dispensing Gun
<b>CLA-5000-WB</b>	Wall Mount Bracket

\* Options must be preordered for factory installation.

Revision 1.3  
ResinTech, Inc.

