

## CLiR 5100 SERIES

TYPE I ULTRAURE POU WATER SYSTEM

**BASIC CHEMISTRY**  
**ACADEMIA**  
**IC BUFFERS**

Designed for general laboratory applications, the CLiR 5100 delivers 2.5 LPM of Type I, 18.2 Megohm 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.



### HIGHLIGHTS

- 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

### CONFIGURATIONS

- Conditioning Cartridge
- Polishing Cartridge
- 0.2 Micron Filtration

### PERFORMANCE SPECIFICATIONS

- Max Pressure of 90 PSIG Max. / 20 PSIG Min.
- Max Temperature of 100°F (30°C)
- Resistivity of 18.2 Megohms
- Bacteria Removal of < 1 CFU / mL

CONFIGURATION	SYSTEM VOLTAGE	TOTAL ORGANIC CARBONS	PART NUMBER
Benchtop	120V/60Hz	< 10 ppb	CLS-5100-S-1
Benchtop	220V/50Hz	< 10 ppb	CLS-5100-S-2
Remote Dispense	120V/60Hz	< 10 ppb	CLS-5100-R-1
Remote Dispense	220V/50Hz	< 10 ppb	CLS-5100-R-2

Revision 1.2

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## INSTALLED OPTIONS & ACCESSORIES†

DESCRIPTION	PART NUMBER
Direct Feed Port	CLA-5000-DF
Recirculating Dispensing Gun	CLA-5000-DG
CLiR Wall Mount Bracket	CLA-5000-WB

† Options must be preordered for factory installation

## CARTRIDGES & FILTERS††

DESCRIPTION	PART NUMBER
CLiR Dual Conditioning Cartridge (RO Feed)	CLF-5000-C1
CLiR Dual Conditioning Cartridge (SDI / TAP Feed)	CLF-5000-C2
CLiR Polishing Ultrapure Cartridge	CLF-5000-P1
CLiR Polishing Ultrapure Low Organics Cartridge	CLF-5000-P2
0.2 Micron Capsule Filter - 1/4" MNPT x 1/4" hose barb	CLF-XX-6402
0.2 Micron Endotoxin Removal Capsule Filter - 1/4" MNPT x 1/4" hose barb	CLF-5000-02E

†† Cartridges and Filters are not included in a system and are ordered separately

## CONSUMABLES

DESCRIPTION	PART NUMBER
CLiR Ultrafilter - 3/8" Quick Disconnect Fitting	CLF-5000-005
CLiR UV Bulb 254/185nm TOC Destruct	CLX-5000-016
Sanitization Kit (includes cartridges, test strips, and gloves)	CLX-5000-017

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