

## CLiR 5200 SERIES

TYPE I ULTRAURE POU WATER SYSTEM

**ANALYTIC CHEMISTRY**  
**TRACE ORGANICS**  
**ELECTROCHEMISTRY**

Designed specifically for trace organics and analytic chemistry applications requiring low organics and bacteria, the CLiR 5200 delivers up to 2.5 LPM of Type I, 18.2 Megohm water quality on demand. The water is purified using a staged purification process which includes high purity ion exchange resins to remove dissolved minerals, and ultraviolet light for bacteria sterilization and TOC reduction. As the water exits the system, a final filter removes particulates and bacteria to reach 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
- TOC Monitoring (Optional)
- UV Oxidation

### SYSTEM REQUIREMENTS

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

**Conductivity:** RO: < 20 $\mu$ S/cm, SDI: > 1 M $\Omega$  (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>	18.2 $\Omega$
<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 $\mu$ m
<b>TOC</b>	< 5 ppb
<b>RNase</b>	5300 & 5400 Only
<b>DNase</b>	5300 & 5400 Only

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## SYSTEM ORDERING GUIDE

Model Part Numbers	Description
<b>CLS-5200-S-1</b>	Benchtop base system with UV oxidation Lamp installed, 120V/60Hz
<b>CLS-5200-S-2</b>	Benchtop base system with UV oxidation Lamp installed, 220V/50Hz
<b>CLS-5200-R-1</b>	Remote dispense configuration with UV oxidation Lamp, 120/60Hz
<b>CLS-5200-R-2</b>	Remote dispense configuration with UV oxidation Lamp, 220/60Hz
<b>CLS-5200-S-1-TOC</b>	Benchtop base system, 120V/60Hz with UV and TOC Monitoring
<b>CLS-5200-S-2-TOC</b>	Benchtop base system, 220V/50Hz with UV and TOC Monitoring
<b>CLS-5200-R-1-TOC</b>	Remote dispense configuration base system, 120V/60Hz with UV and TOC Monitoring
<b>CLS-5200-R-2-TOC</b>	Remote dispense configuration base system, 220V/50Hz with UV and TOC Monitoring

### 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.

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