



# Mini LowChlor

## Low Chlorine Analyser

The ChemScan mini LowChlor analyzer provides operators with reliable process chemistry measurements. The analyzer data ensures proper control of chlorination treatment processes. This reduces the need for frequent manual sampling or laboratory analysis while producing the best water quality.

### Features

- ♦ Unique sample line cleaning minimizes biological interferences
- ♦ Robust design for demanding operating environments
- ♦ Blockage resistant internal sample tubing
- ♦ No filtration required on samples with low solids
- ♦ Minimal replacement parts for low maintenance
- ♦ Sample Blank eliminates electrical/optical drift
- ♦ Simple field adjustable calibration
- ♦ Separate enclosures for electronic and sample handling
- ♦ LED Light source for 10+ years design life
- ♦ Self-Cleaning to eliminate internal fouling
- ♦ Separate external sample line cleaning available
- ♦ Full range of sampling accessories available for all applications

### Benefits

- ♦ Assure process conformance
- ♦ Control energy and chemical costs
- ♦ Confirm plant compliance in real-time
- ♦ Improve process performance
- ♦ Low reagent and maintenance costs

### Applications

- ♦ Analysis of LowChlor in potable water, wastewater and industrial processes



### Technical Specifications

Range	Method 1030 0.005 - 2.0 mg/L
Accuracy	2% of value or 2x detection limit (whichever is greater) Per EPA SP 846  (The detection limit is the low concentration stated in ranges below)
Response Time	4 minutes minimum
Environment	5° - 45°C (Indoor or Sheltered)
Power	120-240 VAC ±10%, 50-60 Hz, 70 VA
Enclosure	Upper Enclosure: NEMA 4X Fiberglass Reinforced Polyester, Acrylic window  Lower Enclosure NEMA 4X Fiberglass Reinforced Polyester
Sample Temperature	10° - 60°C
Sample Pressure	Pressurised sample line required regulated to 2-10 psi (15-70 kPa), (sample conditioning and pressurizing accessories available)
Maintenance	Auto clean
Data Communications	4-20 mA (2 outputs)
Size	26" tall x 9.5" wide x 7" deep (66 cm tall x 24 cm wide x 18 cm deep)
Weight	27 lbs (12.25 kg)