

3151 Calcium Hardness Analyzer

Accurate Calcium Hardness Monitoring with Waltron's Easy-to-Maintain Analyzer

The Waltron 3151 Calcium Hardness Analyzer provides accurate, repeatable online analysis of low-level calcium hardness in clean water. Using proprietary colorimetric chemistry, it delivers precise results (+/- 5ppb). Its touchscreen interface simplifies operation, while the fast-loop reservoir enables accurate, independent measurements. The 3151 automates tests for early detection of hardness changes.



Key Features

- Accurate and wide-range analysis (PPB & PPM)
- 100% toolless wet section
- Pre-assembled pump/sample heads for quick changeout
- Automatic calibration and validation (QA/QC)
- Color touchscreen display
- Grab sample capability
- Internal datalogger with easy USB port on door
- Standard motion sensor LED light and color active alarm indicators
- Automatic start/stop based on sample flow detection with internal loop low reservoir
- Optional 24-48 hour real time graph



Get in Touch

Waltron Group Headquarters
25 Minneakoning Road, Suite 101
Flemington, NJ 08822 USA

Main: +1 908-534-5100
Fax: +1 908-534-5546
info@waltron.net

Specifications

Parameter: Calcium Hardness

Technology: Colorimetric

Range(s): 0-250ppb, 0-1ppm

Accuracy: +/- 5ppb or +/- 3% of full scale, whichever is greater

Sample Streams: 1-2

Cycle Time: 10 minutes, batch process

Calibration Frequency: One reading every 20 mins, adjustable

Analog Outputs: 4-20mA (galvanic isolator option) or 0-5V

Alarms: 2 or 4 configurable alarms (result, loss of sample, fault)

Calibration Method: Manual or Automatic

Ambient Conditions: 0-55°C (32-131°F)

Sample Temperature: 5-55°C (41-131°F)

Sample Flow/Pressure: 100-500 ml/min; atmospheric

Mechanical

Power: 90-265VAC

IP Rating: IP65/NEMA4X

Dimensions: 66.04cm x 38.1cm x 30.48cm (26" x 15" x 12")

Weight: 17kg (38 lbs)

Mounting: Wall Mount Only

Materials: Corrosion-resistant Stainless Steel

Sample Connection: 0.635cm (1/4") OD Swagelok

Maintenance Cycle: Monthly reagents, quarterly tubing

