

Aqualert 6051 Total Hardness Analyzer

Automated Total Hardness Monitoring with
Waltron's innovative 6051 Titrimetric Analyzer

The Waltron 6051 Total Hardness Analyzer utilizes advanced titrimetric technology for precise, automated monitoring of water hardness. Designed for simplicity and efficiency, it offers hassle-free maintenance, long-lasting reagents, and a user-friendly interface. With strong U.S. support, the 6051 ensures reliable, accurate results, enhancing water quality management with cost-effective, automated operation.



Key Features

- Easy to use fully Automatic operation
- Wide-Range analysis
- Hassle-free maintenance
- Long-lasting reagent
- Automatic graphical display of last 100 results
- 2 Relay outputs, 4-20mA, and removable SD card
- 1 Input Signal (Stop/Start Analysis, water meter, flowmeter)
- No calibration necessary
- Accurate and reliable results
- Stainless steel enclosure (optional)



Get in Touch

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Specifications

Parameter: Total Hardness/Alkalinity

Technology: Titrimetric

Range(s): Multiple

Accuracy: (+/-) 5% of the measuring reading

Sample Streams: 1

Cycle Time: ~3 minutes, batch process

Analog Outputs: 0/4 – 20 mA for measured signal, optional CAN- interface

Calibration Method: Process

Calibration Frequency: One reading every 3 min, adjustable, depending on hardness of sample

Ambient Conditions: 0-55°C (32-131°F)

Sample Temperature: 5-40°C (40-105°F)

Sample Flow/Pressure: 0.5 – 5 bar
(recommended 1 – 2 bar)

Mechanical

Power: 85-305 VAC

IP Rating: IP 54 (without enclosure)

Dimensions: 300 x 380 x 120mm
(11.8 x 15.0 x 4.7") with case

Weight: 3.8kg (8.4lbs)

Mounting: Wall mounting (enclosure optional)

Materials: High Strength ABS, stainless steel, PVC

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

Maintenance Cycle: Monthly reagents, semi-annual kit

