



APA 6000 High Range Hardness Analyzer



Product #: 6200010
USD Price: Contact Hach

 **Hazardous**

Items with this mark may be considered hazardous under some shipping conditions.

If necessary, we will change your selected shipping method to accommodate these items.

The APA 6000 High Range Hardness Analyzer measures high-range hardness using USEPA-approved calmagite chemistry. Range 10 to 1,000 mg/L. Accurately and continuously measures up to two sample streams. Operates unattended for one month. Makes your water softening system more efficient and less costly.

Measures high-range hardness using EPA-approved calmagite chemistry

Using a precise colorimetric method, the instrument performs an analysis every four minutes. It delivers continuous, accurate, and dependable performance with minimal cost for operation and maintenance.

Accurately and continuously measures up to two sample streams

Two separate sample streams can be monitored with the APA 6000 Hardness Analyzer when used with additional sample sequencing kits.

Easy to Use

The interface of the APA 6000 Hardness Analyzer is menu-driven with on-screen prompting, self-test diagnostics, security provisions, and flexible data logging options. Simple menus (available in English, French, German or Spanish) guide the user through each step of operation.

Industrial and Ultrapure Water Applications

The APA 6000 Hardness Analyzer can be used to monitor both influent and effluent in industrial applications and water treatment processes including demineralizer effluent, boiler feed-water, boiler water, and process water.

Makes your water softening system more efficient and less costly

The APA 6000 High-Range Hardness Analyzer is designed specifically for reliable and continuous analysis at high concentrations. Use it to establish an automatic system for monitoring softener performance in industrial, ultrapure, and water treatment processes.

Specifications

Accuracy:	$\pm 5\%$ of reading or ± 2 mg/L CaCO_3 whichever is greater
Alarm:	Two SPDT relays with contacts rated for 5A resistive load at 230 Vac. Additional relays available with optional Signal Output Modules.
Certifications:	NRTL certified to UL and CSA standards and CE approved
Cycle Time:	8.2 min
Drain Fitting:	3/4" NPT barbed hose fitting
Inlet Pressure:	0.5 to 30.0 psig (0.03 to 2.04 bar)
Length:	21 in (533 mm) (522 mm)
Outputs:	Two 4-20 mA outputs suitable for recorders or PID control. Output span programmable over any portion of the measuring range (130 Vac isolation from earth ground)
Power Requirements (Hz):	50/60 Hz
Power Requirements (Voltage):	90 - 240 V AC
Range:	10 to 1000 mg/L as CaCO_3

Ranges:	to as CaCO ₃
Repeatability:	± 5 % of reading or ± 2 mg/L CaCO ₃ , whichever is greater
Response Time:	Less than 17 min for 90% response
Sample Flow Rate:	max 100 to 2000 mL/min
Sample Temperature:	5 to 50 °C (41 to 122°F)
Weight:	56.22 lbs. (25.5 kg)

What's in the box

APA 6000 HR Hardness analyzer, installation kit, one month's supply of reagents, a maintenance kit, a sample conditioning kit, Hach user manual.