

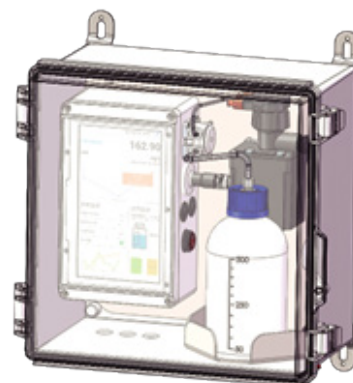
Hardness Water Analyzer

WQA-Hardness-S01 Series



Overview

The hardness water analyzer is one that measures the hardness of water by titration and colorimetry. Automatically pumps reagents into the water sample for reaction, determines the endpoint of the reaction by colorimetry, and then determines the hardness concentration in the water based on the amount of reagent added. By selecting different reagents, the analyzer can measure different hardness concentrations



Main Features

- Accurate and reliable fully automatic hardness analyzer.
- With self-diagnosis, abnormal alarm, data exceeding the standard alarm function
- Interval measurement optional, minimum 5min
- Supports Modbus RS485 and 4-20mA signal outputs
- Support 4G, WiFi wireless data transmission

Specifications

Dimension	300×300×180 mm (11.81×11.81×7.09 inch)	Pressure	0.2 ~ 2 bar
	25 W		
Power requirement	100-240 VAC, 50/60 Hz	IP rating	IP54
Operating temperature	5 to 45 °C	Communication	RS485(Modbus RTU), WiFi/Bluetooth, 4G, LoRa

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Parameter Information

Parameter	Model No.	Range	Resolution	Accuracy
Total hardness	WQA-Hardness	5.34-534.0 mg/L (ppm)	±5%	±5%
		CaCO ₃ (see reagent type)		

Reagent range

Reagent type	mg/L (ppm) CaCO ₃	°dH	°f	mmol/L
WAR-Hardness-T04	5.34-53.4	0.3-3.0	0.534-5.340	0.053-0.534
WAR-Hardness-T05	16.02-160.2	0.9-9.0	1.602-16.02	0.160-1.602
WAR-Hardness-T06	26.7-267.0	1.5-15	2.670-26.70	0.267-2.670
WAR-Hardness-T07	53.4-534.0	3.0-30	5.340-53.40	0.534-5.340

Application



Raw Water



Drinking Water



Boiling Water



Cooling Water