

YD300 ■ Portable Hardness Meter



YD300 Portable Water Hardness Meter



601-S 3-in-1
Hardness Electrode

Designed for quick & accurate measurements of Water Hardness (the concentration of calcium ions Ca^{2+} and magnesium ions Mg^{2+}).

Reliable. Quick. Convenient

- Adopting electrode method to test hardness, having the same accuracy as edta titration method, yet much more convenient
- Patented 601-s 3-in-1 water hardness combination electrode: combines measuring electrode, reference electrode, and temperature electrode in one

Intelligent Functions

- Intelligent chip design produces stable potential and fast response rate.
- 99 groups of data storage; automatic calibration and temperature compensation (atc), auto-lock and power-off

Portable Kit

- Portable IP57 waterproof and dustproof design
- Come with all the accessories in a rugged carrying case, suitable for both lab and field test

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Parameter	Model	YD300
Water Hardness	Measuring Range	(0 to 10) mmol/L; (0 to 401) mg/L (Ca); (0 to 1000) mg/L (CaCO ₃); (0 to 561) mg/L (CaO); (0 to 20) mmol/L (Broiler); (0 to 100) °fH (France Degree); (0 to 56) °dH (German Degree); (0 to 70) °eH (England Degree)
	Resolution	0.01 and 0.1 water hardness units
	Accuracy	±5% F.S
	Temp. Compensation Range	0 to 50 °C (32 to 122 °F) Automatic
	Calibration Solutions	B1 Calibration Solution – 2.00 x 10 ⁻² mmol/L B2 Calibration Solution – 2.00 x 10 ⁻¹ mmol/L B3 Calibration Solution – 2.00 mmol/L
	Calibration Methods	A) B1/B2 Calibration – using B1 and B2 Calibration Solution, suitable for low concentration water quality (<2.00 x 10 ⁻² mmol/L); e.g. boiler water. B) B2/B3 Calibration – using B2 and B3 Calibration Solutions, suitable for general water quality
Temperature	Measuring Range	0 to 60 °C (32 to 140 °F)
	Resolution	0.1 °C
	Accuracy	±0.5 °C
Others	Data Storage	99 groups
	Storage Content	Serial numbers, measuring values, units, temperature and calibration method
	Power Supply	2* AA Batteries (1.5V*2)
	Dimensions and Weight	Meter: (65*120*31) mm/180g; Carry Case: (255*210*50) mm/790g
Working conditions	Ambient Temperature	5 to 35 °C (41 to 95 °F)
	Ambient Humidity	≤85%
	IP Rating	IP57 waterproof and dustproof

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