QUIMICOMPANY
EQUIPOS E INSUMOS PARA LABORATORIO

APERA INSTRUMENTS

PORTABLE WATER HARDNESS METER KIT (CA^{+2} AND MG^{+2})

REF: YD300







Main Features

- Adopting the state-of-the-art electrode method to measure water hardness, consistent with results from EDTA titration method, yet much more convenient and cost-saving
- Patented 601-S 3-in-1 water hardness combination electrode: combines a measuring electrode, a reference electrode, and a temperature electrode all in one
- 99 sets of data storage; automatic calibration and temperature compensation (ATC), auto-lock and power-off
- 8 water hardness units for your choice: mmol/L, mg/L(CaCO3), mg/L(CaO), mmol/L(Boiler), mg/L(Ca), ˚fH , ˚dH and ˚eH.
- 2-3 point calibration with three ready-to-use calibration solutions (B1, B2 and B3) included in the kit
- Complete kit in a rugged carrying case; suitable for both lab and field test

Complete kit



1. YD300 water hardness meter
2. 601-S water hardness meter
3. AA alkaline batteries (1.5V) (installed) (2)
4. 100ml hardness calibration solution (B1, B2 and B3) (1 for each)
5. 20ml empty vials (6)
6. 10ml protecting bottle
7. Metal pedestal
8. Water hardness soaking solution (50ml)
9. Carrying case
10. User manual

(601) 300 3161 +(57) 316 532 6905
www.quimicompany.com.co
info@quimicompany.com.co

QUIMICOMPANY
EQUIPOS E INSUMOS PARA LABORATORIO

APERA INSTRUMENTS

PORTABLE WATER HARDNESS METER KIT (CA^{+2} AND MG^{+2})

REF: YD300

Technical specifications

Parameters		Description
Water Hardness	Range	(0 to 10) mmol/L; (0 to 401) mg/L(Ca); (0 to 1000) mg/L(CaCO3); (0 to 100) °fH (France Degree); (0 to 561) mg/L (CaO); (0 to 56) °dH (German Degree); (0 to 20) mmol/L (Boiler); (0 to 70) °eH (England Degree)
	Resolution	0.01 / 0.1 water hardness unit
	Accuracy	±5% F.S
	Temp. compensation range	(5 to 50°C) automatic
	Calibration Solution	B1 Calibration Solution — 2.00×10-2 mmol/L; B2 Calibration Solution — 2.00×10-1mmol/L; B3 Calibration Solution — 2.00 mmol/L
	Calibration Mode	a) B1/B2 Calibration—using B1 and B2 Calibration Solution, suitable for < 2.00×10-2 mmol/L low concentration water quality, for example, boiler water. b) B2/B3 Calibration—using B2 and B3 Calibration Solution, suitable for general water solutions.
Temperature	Range	0-60°C (32 – 140˚F)
	Resolution	0.1°C/˚F
	Accuracy	±0.5°C/±1˚F
Others	Data Storage	99 sets
	Storage Content	numberings, measurement, unit, temperature
	Power	AA Batteries (1.5V×2)
	Dimension and Weight	Meter: (65×120×31)mm/180g; Kit: (255×210×50)mm/790g
	IP rating	IP57 Dustproof and waterproof

(601) 300 3161 +(57) 316 532 6905
www.quimicompany.com.co
info@quimicompany.com.co