



Portable Water Hardness Meter

Professional portable water hardness meter comes with a solid-state ion selective electrode, the meter is suitable for outdoor applications, accuracy: 1% F.S.

Features:

- Professional portable water hardness meter is equipped with a backlit LCD display.
- 2 to 5 points calibration from low to high concentrations.
- Selectable water hardness units - mmol/L, mg/L, german degree (°dH), english degree (°e) and french degree (°fH).
- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Read function senses and locks the measurement endpoint.
- Calibration due alarm prompts user to calibrate the meter regularly.
- Auto-Power Off effectively conserves battery life.
- Setup menu allows setting the number of calibration points, stability criteria, etc.
- Reset function automatically resumes all settings back to the factory defaults.
- Expanded memory stores or recalls up to 500 data sets.
- Multi-mode power scheme (batteries, power adapter and USB port) ensures that using the meter smoothly.

Model	LH-322
Water Hardness	
Range (Concentration)	0.05 to 200mmol/L
Range (German Degree)	0 to 1122°dH
Range (English Degree)	0 to 1404°e
Range (French Degree)	0 to 2000°fH
Range (CaCO ₃)	0 to 19999mg/L
Range (CaO)	0 to 11220mg/L



Range (Boiler)	0 to 400mmol/L
Range (Ca ²⁺)	0 to 8020mg/L
Resolution	0.001, 0.01, 0.1, 1
Accuracy	±1% F.S.
Calibration Points	2 to 5 points
Calibration Solutions	0.01, 0.1, 1, 10, 100mmol/L
Temperature	
Range	0 to 105°C
Resolution	0.1°C
Accuracy	±0.5°C
Offset Calibration	1 point
Calibration Range	Reading ±10°C
General Specifications	
Temperature Compensation	0 to 50°C, manual or automatic
Stability Criteria	Low or high
Calibration Due Alarm	1 to 31 days or off
Auto-Power Off	10, 20 or 30 minutes after last key pressed
Memory	Stores up to 500 data sets
Output	USB communication interface
Connector	BNC, 3.5mm jack socket
Display	Custom LCD (80×60mm)
Power	3×1.5V AA batteries or DC5V power adapter
Battery Life	Approximately 150 hours (turn off the backlight)
Dimensions	170(L)×85(W)×30(H)mm
Weight	300g

