



# BENCHTOP WATER HARDNESS METER

LBWM-A10

## Benchtop Water hardness meter LBWM-A10

Benchtop Water hardness meter LBWM-A10 is equipped with large backlit LCD display, 2 to 5 points calibration with low to high concentration range. The calibration due reminder alerts user for calibration of the meter on regular basis. The System menu allows setting the 7 parameters like stability condition, auto-power off etc. It measure salts of calcium & other elements at mg/L, mmol/ scale which causes hardness water.

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### Features

- » Large LCD display
  - » Two to five points calibration with low to high range
  - » System menu with 7 parameters setting
  - » Stability indicator to robotically display current measurements
  - » Automatic electrode diagnosis shows the slope of sensor
  - » Calibration due reminder for regular calibration of the meter
  - » Manual temperature compensation for better measurement accuracy of meter
  - » Auto hold function freezes stable, final readings for better viewing and recording
  - » Automatic temperature compensation for accurate measured value over the entire range
  - » Reset function
  - » Enlarged memory can store up to 500 sets of data
  - » Built-in real time clock stamps
  - » Operational guide for Quick access to the conductivity meter
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### Applications

Benchtop water hardness meter is used in testing the hardness level of tap water, drinking water, filtered water, water used for different experiments and testing across food, textile, painting & other industries.

## Specifications

Model no	LBWM-A10
Water hardness range	0.05mmol/L-0.2mol/L
	(CaCO <sub>3</sub> ) 0-19999mg/L, (CaO) 0-11220mg/L, (boiler) 0-400mmol/L, (Ca) 0-8020mg/L
	(German degree) 0-1122dH, (English degree) 0-1404 °e, (French degree) 0-2000 °f
Accuracy	±1%F.S.
Calibration points	2 to 5 points
Calibration solution	0.001, 0.01, 0.1mmol/L, 0.001, 0.01, 0.1mol/L
Temperature range	0 to 105°C
Temperature accuracy	±0.5°C
Calibration range	Measured value ±10°C
Temperature compensation range	0-50 °C
Compensation mode	Manual or automatic
Data hold function	Manual or automatic endpoint detection
Reset function	Yes
Stability condition	Low or high
Calibration due	0 to 31 days
Memory	Stores up to 500 sets of data
Output	USB communication interface
Connector	BNC
Power	DC5V, using AC adapter, 220V/50Hz
Dimension (L*W*H)	210×180×60 mm
Weight	1.5 kg

## Standard accessories

- Water hardness electrode
- Temperature probe
- Carrying case

## Optional accessories

- Water hardness electrode range 0.00005 to 0.2M