Benchtop Ion meter forNO3, LD-LBIM-A29

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Overview

Benchtop Ion meter for NO3, LD-LBIM-A29 comes with (NO3) nitrate ion selective electrode for nitrate ion concentration measurement. This Ion meter comes with 0.5 % F.S. measurement accuracy. Its direct ion concentration readout helps in elaborate measurement process. The system menu allows setting the 8 parameters like calibration points, stability condition etc. It can measure concentration in ppm, mg / L, mol / L. The mV measurement is used to check the performance of ion selective electrode.

Features:

- Large LCD display
- 2 - 5 points calibration from low to high concentration
- Direct ion concentration readout for elaborate measurement process
- Selectable concentration units from ppm, mg / L, mol / L
- mV measurements to check the performance of ion selective electrode
- Temperature compensation provides accurate reading over the entire range
- Stability indicator to show current measurement status
- Calibration due reminder for regular calibration of the meter
- Auto hold function to freeze stable reading for better viewing & recording
- Automatic electrode diagnosis shows the slope of the sensor
- Reset setting function
- Expanded memory stores and recalls up to 500 readings
- Built â€“in real time clock stamps
- USB communication interface to transfer stored data to PC

Applications:

Benchtop Ion meter is used to measure the cadmium ion concentration present in potable water, D/W water, waste water and natural water resources using different ion concentration electrodes.

Specifications:

Power	DC 5 V, using AC adapter, AC 220 V / 50 Hz
Memory	Stores up to 500 sets of data
Output	USB communication interface
Display	LCD (130 × 110 mm)
Weight	1.5 kg
mV Range	(-1999.9) to 1999.9 mV
Connector	BNC
Power Off	Manual or automatic (10, 20, 30 minutes)
Resolution	0.001, 0.01, 0.1, 1, automatic

mV Accuracy	± 0.2 mV
mV Resolution	0.1 mV
Reset Function	Yes
Calibration Due	0 to 31 days
Compensation Mode	Manual or automatic
Calibration Points	2 to 5 points
Data Hold Function	Manual or automatic endpoint detection
Stability Condition	Low or high
Temperature Accuracy	± 0.5 °C, ± 0.9 °F
Calibration Solutions	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000 ppm, mol / L, mg / L
Ion Measurement Range	0.4 to 62000 ppm
Temperature Resolution	0.1°C
Dimension (L × W × H)	210 × 188 × 60 mm
Ion Measurement Accuracy	± 0.5 % F.S.
Temperature Compensation	0 to 100 °C, 32 to 212 °F
Temperature Measurement Range	0 to 105 °C, 32 to 221 °F