

Benchtop pH/ORP Meter LX2BPO series



Benchtop pH/ORP meter are microprocessor-based meters that measures hydrogen-ion activity in water-based solutions. Automatic or manual temperature compensation provides high accuracy results. Provision for 1-3 point automated push button calibration. Meter factory reset function to reset factory default settings and data logs.

Features

- Automatic calibration of RmV function
- Auto-sleep function
- Segmented display for pH, mV and temperature
- Electrode slope display for user interpretation
- Self-diagnostic trouble shoot
- Low battery indicator
- USB communication interface via data transfer (output)

Applications

- Used for medical applications, electricity and chemical industries, water quality test, measurements of low ionic strength samples. (LX20BPO)
- Used in food industry (milk and juice samples), soil and water quality test, strong acid samples. (LX21BPO)

Specification

Model No	LX200BPO	LX201BPO
pH range	0 ~ 14 pH	0 ~ 14 pH
pH resolution	0.01 pH	0.01 pH
Electrode	Glass pH electrode (LX1015)	Glass pH electrode (LX1020)
Electrode pH range	2 pH ~ 12 pH	0 ~ 14 pH
pH accuracy	± 0.01 pH	± 0.01 pH
ORP range/RmV	± 1999 mV/RmV	± 1999 mV/RmV
ORP resolution	1 mV	1 mV
ORP accuracy	± 2 mV	± 2 mV
Temperature range	0 ~ 99.9 °C	0 ~ 99.9 °C
Temperature resolution	0.1 °C	0.1 °C
Temperature accuracy	± 0.5 °C	± 0.5 °C
Ambient temperature	5 °C ~ 45 °C	5 °C ~ 45 °C
Input connector type	BNC	BNC
Input connector diameter	3.5 mm	3.5 mm
Power	100 V ~ 240 V	100 V ~ 240 V
	DC 9 V	DC 9 V
	500 mA	500 mA
pH buffer set	USA, NIST, DIN, Manual	USA, NIST, DIN, Manual
Memory	500 sets	500 sets

Electrode specifications (LX200BPO)

Electrode	Glass pH electrode (LX1015)
Electrode pH range	2 pH ~ 12 pH
Electrode temperature range	5 °C ~ 90 °C
Electrode dimensions	12 mm × 165 mm
Electrode liquid junction	Ceramic
Electrode reference junction	Double / Refillable
Electrode internal type	Ag/AgCl

Electrode specifications (LX201BPO)

Electrode	Glass pH electrode (LX1020)
Electrode pH range	0 ~ 12 pH
Electrode temperature range	5 °C ~ 90 °C
Electrode dimensions	12 mm × 165 mm
Electrode liquid junction	Ceramic
Electrode reference junction	Double / Refillable
Electrode internal type	Ag/AgCl