

# Portable pH/ORP Meter LX2PPO series



Portable 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. It features auto-off conservation of energy which lengthens battery lifespan.

### 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)

### Application

- Used for medical applications, electricity and chemical industries, water quality test, measurements low ionic strength samples. **(LX200PPO)**
- Used in food industry (milk and juice samples), soil and water quality test, strong acid samples. **(LX201PPO)**

**Specification**

<b>Model No</b>	<b>LX200PPO</b>	<b>LX201PPO</b>
pH range	0 ~ 14.00 pH	0 ~ 14.00 pH
pH resolution	0.01 pH	0.01 pH
Electrode	Glass pH (LX1015)	Glass pH (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
Temperature compensation	0 ~ 99.9 °C	0 ~ 99.9 °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
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 (LX200PPO)**

Electrode	Plastic pH (LX1015)
pH range	0 ~ 14 pH
Temperature range	5 °C ~ 90 °C
Dimensions	12 mm x 165 mm
Liquid junction	Ceramic
Reference junction	Double / Refillable
Internal reference type	Ag/AgCl

**Electrode specifications (LX201PPO)**

Electrode	Plastic pH (LX1020)
pH range	2 pH ~ 12 pH
Temperature range	5 °C ~ 90 °C
Dimensions	12 mm x 165 mm
Liquid junction	Ceramic
Reference junction	Double / Refillable
Internal reference type	Ag/AgCl