

Online pH/ORP Controller LX100OPC



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Online pH/ORP controller LX100OPC is a portable unit with automatic temperature compensation (ATC) that provides high accurate results. It simultaneously display measured parameters such as pH, ORP, temperature, date and time. Measures primary controlling parameters pH and ORP in water-based solutions. Alarm output according to the upper and low limits of conductivity.

Features

- RS-232 interface
- Programmable high and low alarm output
- Pipe-thread connecting electrode
- Easy calibration

Applications

Used in chemical, pharmaceutical, food industries and medical laboratories. Also widely used for laboratory analysis, soil and water quality test etc.

Specification

Model No	LX100OPC
pH range	0 ~ 14 pH
pH resolution	0.01 pH
pH accuracy	± 0.05 pH
pH/ORP electrode	Compound electrode (LX4100)
mV range	1 mV
Temperature range	0 ~ 99.9 °C
Temperature compensation	0 ~ 99.9 °C
Ambient temperature	0 ~ 50 °C
Humidity	≤ 85 %
Alarm output	220 V / 6 A
Current output	4 ~ 20 mA Isolated DC output (Max Load : 750 Ω)
Power	110 V
	220 V
	240 V
Dimensions	Frame dimensions : 96 mm × 96 mm
	Panel dimensions : 91 mm × 91 mm
	Depth : 100 mm

Electrode specifications (LX100OPC)

pH/ORP electrode	Compound electrode (LX4100)
Electrode cable length	5 m
Electrode pressure	0.6 MPa
Electrode thread size	6'