



PH6000 Controller With USB Feature



PH800 Controller



PH800D Controller

pH / ORP Analyzer

High accuracy and reliable pH/ORP analyzer providing better compliance and process control.

Applications



Power Industry



Drinking Water



Wastewater



Process Water



Food & Beverages



Municipal Water



Disinfection



Agriculture

In A Glance...

Leadtec PH6000 & PH800 controllers offer an unrivaled user friendliness in measurement of pH and ORP. Its minimalistic design offers the most convenient operation than any analyzers.

From drinking water to agriculture, our controller is very practicable in many situations thanks to the high range of hysteresis.

The operation and calibration can be performed easily with a friendly step-by-step interface.

Besides, the controller is well-equipped with analogue output and Field Bus Connection RS-485 communication.

Benefits

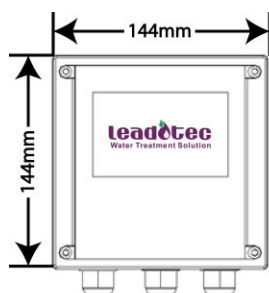
- ❖ Robust & reliable: Highest level of waterproof and dustproof analyzer for site measurement and easy installation.
- ❖ Less is more; Having just the essential features are better than having way too much of superfluous things.
- ❖ Intuitive operation; Step-by-step navigation facilitates the user to configure the analyzer and calibrate the sensor.
- ❖ Clean-cut display; Neat and organized functions allow zero hassle operation.

Specifications

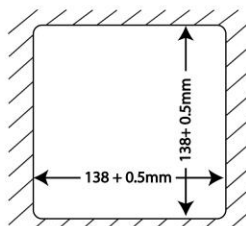
Measuring Range	pH : -2.00 to +16.00pH ORP : -2000 to +2000mV	Cleaning Setting	ON : 1 to 1000 seconds OFF : 0.1 to 1000.0 hours
Resolution	pH : 0.01pH ORP : 1mV	Multifunctional Relay	Clean / Period Alarm / Error Alarm
Accuracy	pH : ± 0.01 pH ORP : ± 1 mV	Relay Delay	0 to 120 seconds
Temperature Probe	Pt 1000 / NTC 10K	Fieldbus Connection	RS-485 Modbus
Temperature Range	-10.0°C to +130.0°C	Baud Rate	9600 / 19200 / 38400
Temperature Resolution	0.1°C	Protection Class	IP65
Temperature Accuracy	± 0.2 °C	Display	LCD dot matrix
Ambient Temperature	0°C to +70°C	Language Selection	English Others upon request
Input Impedance	$>10^{12}\Omega$	Electrical Connection	90 to 260 VAC or 24 VDC Power consumption <5W
Analogue Output	2 x 4-20mA electrically isolated, Max load 500 Ω Current 1 pH / ORP : All models Current 2 Temperature: PH6000 / PH800 / PH800P pH / ORP : PH800D	Data Logging Capacity	500,000
		USB Function (PH6000 only)	Data extraction Software update
		Dimensions	PH6000 144(H) x 144(W) x 105(D) mm PH800 / PH800D / PH800P 108(H) x 108(W) x 140(D) mm
Control Outputs	PH6000 / PH800 2 x Relay Outputs 1 x Multifunctional Relay PH800D 2 x Relay Outputs per channel PH800P 2 x Relay Outputs 2 x Proportional Relay Outputs	Panel Cutout	PH6000 138 x 138 mm PH800 / PH800D / PH800P 92 x 92 mm
Max. Relay Contacts Capacity	5A/250 VAC 5A/30 VDC	Weight	PH6000 0.85 kg PH800 / PH800D / PH800P 0.55 kg
		Installation	Panel / Wall / Pipe mount

Dimensions

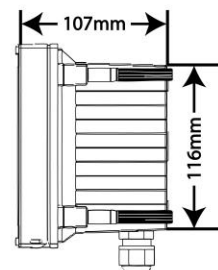
6000 Series



FRONT VIEW

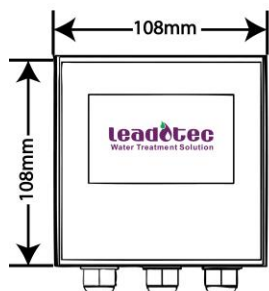


PANEL CUTOUT VIEW

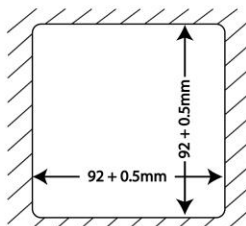


SIDE VIEW

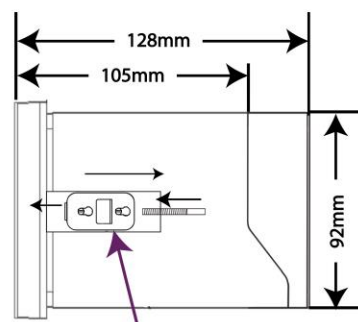
800 Series



FRONT VIEW



PANEL CUTOUT VIEW



SIDE VIEW

Design outlook subjected to change without prior notice.

Dimensions of PH6000 and PH800

Order Code

Part No.	Description
PH6000	pH/ORP IP65 Panel / Wall / Pipe mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, RS-485 Modbus, and 1 x USB slot for data extraction and software update. Power supply: 90~260 VAC
PH800	pH/ORP IP65 Panel mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, and RS-485 Modbus. Power supply: 90~260 VAC
PH800D	pH/ORP IP65 Panel mounted base dual channel analyzer fitted with 2 x 4-20mA, 4 x relay outputs and RS-485 Modbus. Power supply: 90~260 VAC
PH800P	pH/ORP IP65 Panel mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 2 x proportional relay outputs, and RS-485 Modbus. Power supply: 90~260 VAC
PH6000-24VDC	pH/ORP IP65 Panel / Wall / Pipe mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, RS-485 Modbus, and 1 x USB slot for data extraction and software update. Power supply: 24 VDC
PH800-24VDC	pH/ORP IP65 Panel mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 1 x multifunctional relay, and RS-485 Modbus. Power supply: 24 VDC
PH800D-24VDC	pH/ORP IP65 Panel mounted base dual channel analyzer fitted 2 x 4-20mA, 4 x relay outputs and RS-485 Modbus. Power supply: 24 VDC
PH800P-24VDC	pH/ORP IP65 Panel mounted base analyzer fitted with 2 x 4-20mA, 2 x relay outputs, 2 x proportional relay outputs, and RS-485 Modbus. Power supply: 24 VDC