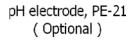
PH CONTROLLER/MONITORModel : PPH-2108ISO-9001, CE, IEC1010

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PPH-2108 酸鹼度設定顯示表







The Art of Measuremen

PH CONTROLLER/MONITOR

FEATURE

Model: PPH-2108

- ✓ Professional pH and Temp. measurement monitor and controller.
- ✓ pH range : 0 to 14 pH x 0.01 pH.
- ✓ pH function with high input impedance avoids measuring error.
- ✓ Optional Temp. probe (ATC probe, Automatic Temp. Compensation probe) is available for pH measurement compensation and the Temp. measurement.
- ✓ Wide manual temperature compensation for pH function, adjustment can be easily operated by push button on the front panel.
- ✓ pH calibration is easily to be done by push button on the front panel.
- ✓ Build in pH control relay and the Temp. control relay.
- ✓ Relay will be make action (On/Off) when the reading value reach high limit or low limit value.
- ✓ Temperature Offset value setting.
- ✓ Hysteresis value setting for high and low alarm.
- ✓ $^{\circ}C$, $^{\circ}F$ temp. unit setting with default.
- ✓ Large red LED display, high brightness and easy to read.
- ✓ RS232 computer interface, send out the pH and the temperature data at the same time.
- ✓ Optional pH electrode.
- ✓ Optional Temperature probe (ATC probe).
- ✓ Optional data acquisition software.
- ✓ Microprocessor circuit ensures high accuracy and provides special functions and features.
- ✓ Standard 96 X 48 mm DIN case.
- ✓ Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college.

4 digits red LED, digit size : 14 mm.				
Custom chip of microprocessor LSI circuit.				
PH	0 to 14 PH			
Temp.	-30 to 100 °C			
РН	pH			
Temp.	°C, °F			
10^12 ohm				
Manual \div -30 to 100 $^\circ\!\mathrm{C}$, be adjusted by push button on front panel.				
Automatic (ATC) $$ $\stackrel{.}{\cdot}$ With the optional Temp. probe (TP-07A)0 to 65 $^\circ\!\mathbb{C}.$				
PH7, PH4, and PH10, 3 points calibration ensure the best linearity and accuracy.				
				Optional, Any PH electrode with BNC connector.
Optional, 0 to 65 $^\circ\!\!C$, TP-07A				
Can set the meter's total operation period to warn the user to make the new				
calibration for the pH electrode.				
Approx. 1 second.				
Number	2 relays			
Function	Relay 1 : pH control relay.			
	Relay 2 : Temperature control relay.			
Max load	0.5 ACA/250 ACV , 0.5 DCA/24 DCV			
	Custom chip of PH Temp. PH Temp. 10^12 ohm Manual : -30 Automatic (A PH7, PH4, and accuracy. Optional, Any Optional, Any Optional, 0 to Can set the m calibration fo Approx. 1 sec Number Function			

GENERAL SPECIFICATION

Setting value	1. High limit value setting.			
	2. Low limit value setting.			
	3. Hysteresis value setting.			
	4. Temp. Offset value setting.			
	* 1, 2, 3 Setting for pH and Temp. function.			
External Power Supply	DC 12 V, 50 mA max.			
Data Output	RS 232 PC serial interface.			
Operating Temperature	0 to 50 °C. * Meter			
Operating Humidity	Less than 80% R.H. Meter			
Power Supply	90 to 260 ACV, 50/60 Hz.			
Power Consumption	Approx. 4.7 VA/AC 110V. Approx. 5.3 VA/AC 220V.			
Weight	275 g/ 0.60 LB. * Meter only.			
Dimension	DIN size : 96 x 48 mm. Depth : 107 mm.			
Accessories	Instruction manual. 1 PC			
Included	Case holder with screw. 2 PCs			
Optional Accessories	PH electrodes :			
	 Industrial in line pH electrode, PE-21 General purpose PH electrode, PE-03 PH buffer solution : pH 7 buffer solution, PH-07, PH-07A. pH 4 buffer solution, PH-04, PH-04A. 			
	* Temp. probe (ATC probe), TP-07A			
	* Data Acquisition software, SW-U801-WIN.			
	* RS232 cable, UPCB-02.			
	* USB cable, USB-01.			

ELECTRICAL SPECIFICATIONS (23 \pm 5 $^{\circ}$ C)

pH (meter only)

Range	Resolution	Accuracy
0 to 14 PH	0.01 PH	± (0.02 PH + 2 d)reading

Temperature(used optional Temp. probe, TP-07 A)

Measurement	Range	Resolution	Accuracy
°C	0 ℃ to 65 ℃	0.1 °C	±0.8 °C . reading
°F	32 $^{\circ}\mathrm{F}$ to 149 $^{\circ}\mathrm{F}$	0.1 °F	±1.5 $^{\circ}$ F. reading

* Appearance and specifications listed in this brochure are subject to change without notice.

PPH-2108+2006

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