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



FEATURES

- * 0 to 14 pH x 0.01 pH.
- * ATC (automatic temperature compensation).
- * Control setting, Alarm setting.
- * Control relay output, alarm relay output.
- * Power : 90 ACV to 264 ACV, 50/60 Hz.
- * RS-232 computer interface.
- * DIN size : 96 x 48 mm. Depth : 107 mm.
- * Optional pH electrode, ATC probe.





The Art of Measurement

PH CONTROLLER/MONITOR

Model : PPH-2108

FEATURES

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*	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.						
	$^\circ\!\mathrm{C}$, $^\circ\!\mathrm{F}$ 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.						
	Optional GSM controller.						
*	meroprocessor circuit ensures night accuracy and						
	provides special functions and features.						
*	Standard 96 X 48 mm DIN case.						
*	Wide applications: water conditioning aquariums						

 Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college.

GENERAL SPECIFICATIONS

GENERAL SPECIFICATIONS							
Display	4 digits red LED, digit size : 14 mm.						
Circuit	Custom chip of microprocessor LSI						
	circuit.						
Range	PH	0 to 14 PH					
	Temp.	-30 to 100 °C					
Display Unit	рН	рН					
	Temp.	°C, °F					
pH Input	10^12 ohm						
Impedance							
Temperature	Manual	-30 to 100 $^\circ\!{ m C}$, be adjusted by					
Compensation		push button on front panel.					
for pH	Automatic	With the optional Temp.					
measurement	(ATC)	probe(TP-07A)					
		0 to 65 ℃.					
рН	PH7, PH4, and PH10, 3 points calibration						
Calibration	ensure the best linearity and accuracy.						
рН	Optional,						
Electrode	Any PH electrode with BNC connector.						
Temp. Probe	Optional, 0 to 65 ℃, TP-07A						
ATC Probe							
Probe Calibration Can set the meter's total operation period							
Period Setting warn the user to make the new calibration for							
* PCPS function	* PCPS function the pH electrode.						

Sampling Time	Approx. 1 second.				
Relay outputs	Number	2 relays			
5.	Function	Relay 1 :			
		pH control relay.			
		Relay 2 :			
		Temperature control relay.			
	Max load	1 ACA/250 ACV			
		1 DCA/24 DCV			
Setting value	1. High limit value setting.				
Ū.	2. Low limit value setting.				
	3. Hysteresis value setting.				
	4. Temp. Offset value setting.				
	-	ng for pH and Temp. function.			
External	DC 12 V, 50 m				
Power Supply	20121,001				
Data Output	RS 232 PC seri	al interface.			
Operating	0 to 50 °C.				
Temperature	* Meter				
Operating	Less than 80%	RH			
Humidity	* Meter				
Power Supply	90 to 260 ACV, 50/60 Hz.				
Power	Approx. 4.7 VA/AC 110V.				
Consumption	Approx. 5.3 VA/AC 220V.				
Weight	+ • •	. * Meter only.			
Dimension	DIN size : 96 x 48 mm.				
	Depth: 110 mm.				
Accessories	Instruction manual 1 PC				
Included	Case holder with screw2 PCs				
Optional	PH electrodes :				
Accessories	* Industrial in line pH electrode, PE-21				
	* General purpose PH electrode, PE-03				
	PH buffer solution :				
	* pH 7 buffe	er solution, PH-07, PH-07A.			
	* pH 7 buffer solution, PH-04, PH-04A.				
	* Temp. probe (ATC probe), TP-07A				
	* Data Acquisition software,				
	SW-U801-WIN.				
	* RS232 cable				
	* USB cable, L				
	* GSM controller, GSM-889.				
		ble (cable between meter			
), GMCB-89.			
L	10 0011-007	// CHIOD 07.			

ELECTRICAL SPECIFICATIONS (23 \pm 5 °C)

pH (meter only)

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

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

Measurement	Range	Resolution	Accuracy
°C	0 ℃ to 65 ℃	0 ℃ to 65 ℃	0.8 ℃.
°F	32°F to 149 °F	32°F to 149 °F	1.5 °F.

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