

# pH MONITOR

Model : PH-321M

*ISO-9001, CE, IEC1010*



pH electrode ( optional )



**LUTRON ELECTRONIC**

***The Art of Measurement***

# pH MONITOR

Model : PH-321M

## FEATURES

* Economical cost digital pH meter General purpose applications. Easy operation.
* Back light LCD display.
* Auto calibration.
* Compact size, light weight.
* Available for wide applications, such as AQUARIUM, BEVERAGE, FISH HATCHERIES, FOOD PROCESSING, PHOTOGRAPHY, LABORATORY, QUALITY CONTROL, SCHOOL & COLLEGES, SWIMMING POOLS, WATER CONDITIONS.

## SPECIFICATIONS

Display	LCD size : 31 mm x 31 mm. LCD with back light, easy read.
Measurement Range	0 to 14 pH x 0.01 pH
Resolution	0.01 pH
Accuracy	± 0.07 pH ( pH5 - pH 9 ). ± 0.1 pH ( pH 4 - pH 10 ). ± 0.2 pH ( pH 1 - pH 3.9, pH 10.1 - pH 13 ). * <i>23 ± 5°C, after calibration.</i> * <i>Main instrument only.</i>
Input Impedance	10 <sup>12</sup> ohms.
Temperature Compensation	Not necessary to make adjustment.
Sampling Time	Approx. 1 second.
Operating Temperature	0°C to 50°C ( 32°F to 122°F )
Operating Humidity	Less than 80% RH.
Calibration	Automatically, calibrated by front buttons. * pH 7 calibration. * pH 4 calibration. * pH 10 calibration.
Power Supply	DC 9V via optional external adapter.
Power Consumption	Approx. 11 mA.
Dimension	89 x 57 x 31 mm, ( 3.5 x 2.2 x 1.2 inch ).
Weight	117 g/0.26 LB.
pH electrode (Optional)	Any connector pH Electrode with BNC connector.
Standard Accessories	Instruction Manual..... 1 PC. Stick sponges..... 2 PCs
Optional Accessories	pH electrodes : pH electrode, PE-03 pH electrode, PE-11
	Standard buffer solutions : pH 7.0 buffer solutions, PH-07 pH 4.0 buffer solutions, PH-04
	DC 9V adapter, AP-9VA * Input voltage : 100 to 240 ACV, 50/60 Hz. * Output voltage : Regulation DC 9V/1 Amp. rating max. * Output plug : round 2.5 mm dia. plug. plug converter, AP-GTU * Convert the input plug of AP-9VA from the Germany type to USA type.