

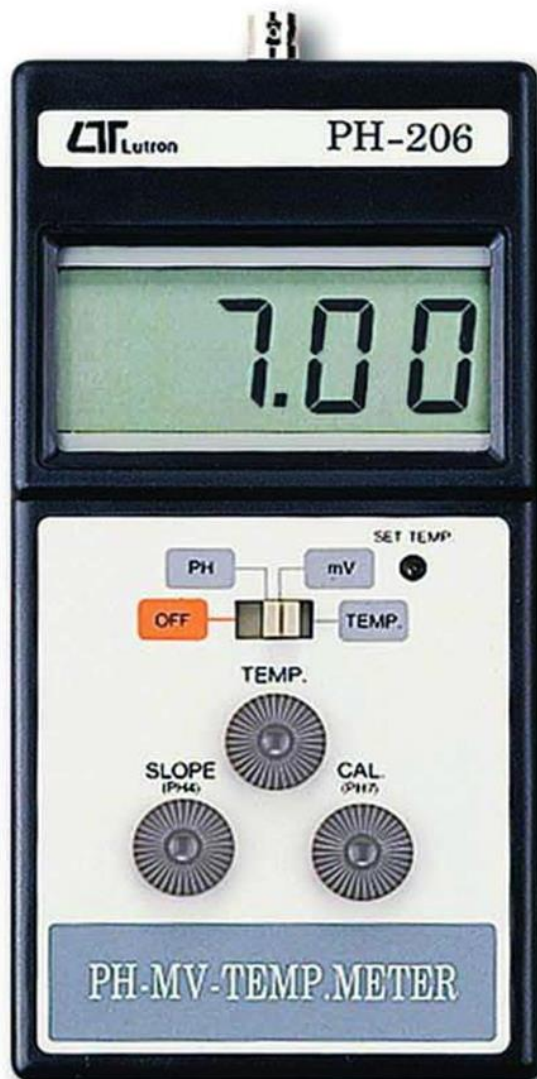
# PH-mV-TEMP. METER

Model : PH-206

ISO-9001, CE, IEC1010

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02-2389-0101



**Lutron**

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*The Art of Measurement*

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Model : PH-206

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## FEATURE

- ✓ Multi functions: PH, mV, Temp.
- ✓ Automatic/manual temp. compensation.
- ✓ Large size ( 18 mm) LCD display.
- ✓ Built in analog output terminal.
- ✓ mV function for ion-selective, ORP and other precise mV measurement.

## GENERAL SPECIFICATION

Display	18 mm ( 0.7" ) LCD, 3 1/2 digits.
Measurement	PH, mV, Temp. ( optional probe ).
Range/ Resolution	PH : 0 to 14 pH x 0.01 pH Temperature : 0 to 100 °C x 0.1 °C.
Accuracy	PH : $\pm ( 0.01 \text{ pH} + 1 \text{d} )$ , PH : Main instrument only. TEMP. : $\pm 0.8 \text{ }^\circ\text{C}$ , mV : $\pm ( 0.5 \% + 1 \text{d} )$ , within $23 \pm 5 \text{ }^\circ\text{C}$
Input Impedance	$10^{12}$ ohms.
PH range Temp. Compensation	Manual : 0 °C to 100°C external knob, adjust temp. values showed on display. Auto temp. compensation : with the optional temp. probe, 0 to 100 °C .
Analog Output	The analog output is 0.1 mV/per digit of the display both of PH, mV, Temp. function.
Sampling Time	Approx. 0.4 second.
Operating Temp.	0°C to 50°C ( 32°F to 122°F )
Operating Humidity	Less than 80% RH.
Calibration Knob	External PH 4 ( slope adj. ) & PH 7 (Cal. adj.).
Power Supply	006P DC 9V battery.
Power Consumption	Approx. 2.7 mA.
Dimension	160 x 80 x 35 mm, (6.3 x 3.2 x 1.4 inch).
Weight	250 g/0.55 LB (including battery).
PH electrode ( optional )	Any connector PH Electrode with BNC connector.
Standard Accessories	Instruction Manual.....1 PC.
Optional Accessories	PH electrode, ATC Temp. probe,

## APPLICATIONS

* AQUARIUMS	* PAPER INDUSTRY	* FOOD PROCESSING	* SCHOOLS & COLLEGES
* BEVERAGE	* PLATING INDUSTRY	* PHOTOGRAPHY	* SWIMMING POOLS
* FISH HATCHERIES	* QUALITY CONTROL	* LABORATORY	* WATER CONDITIONING

## OPTIONAL ACCESSORIES

PH ELECTRODE PE-03	General purpose pH electrode with BNC connector Range : 1 to 13 pH ( typical 0 to 14 pH ). Epoxy body, Body size : 12 mm dia. x 160 mm. Cable length : 1 meter.
PH ELECTRODE PE-11	General purpose & high quality pH electrode with BNC connector. Range : 1 to 13 pH ( typical 0 to 14 pH ). Epoxy body, Body size : 9.5 mm dia. x 120 mm. Cable length : 1 meter.

SPEAR PH Electrode PH-06HD, PH-04HD	The "Spear Tip pH electrode" is perfect for those pH measurements in applications where sample piercing is required. Meat, sausage and cheese are ideal applications. The electrode features a very durable glass measuring spear packaged in a rugged virtually unbreakable epoxy body. Range : 0 to 14 pH ( PE-04HD), Range : 1 to 13 pH ( PE-06HD)
BUFFER SOLUTION, PH-07	PH 7.00 standard buffer solution.
BUFFER SOLUTION, PH-04	PH 4.00 standard buffer solution.
TEMP. PROBE, TP-06	The optional temperature probe for PH-206.
CARRYING CASE, CA-03	Vinyl soft case for PH-206.
CARRYING CASE, CA-06	Hard carrying case for PH-206.

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

PH-206+0609

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