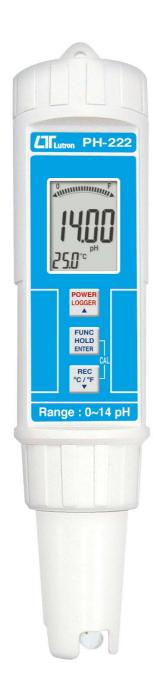
ATC, auto calibration, all in one

PEN PH METER

Model: PH-222 *ISO-9001, CE, IEC1010*



FEATURES

- * 0 to 14.00 pH.
- * ATC (auto temperature compensation).
- * Temperature measurement, $^{\circ}\text{C}$, $^{\circ}\text{F}$.
- * Automatic calibration.
- * Meter with the pH electrode, all in one.
- * IP-67, water proof.
- * Easy replacement for the pH electrode.
- * Pen type, easy carry out.
- * Data logger.
- * DC 1.5V battery (UM-4, AA) x 4 PCs, long life.





The Art of Measurement

Pen type, with electrode, ATC

PH METER

Model: PH-222

FEATURES

| J | | | | | |
|---|---|--|--|--|--|
| | * | Pen type digital pH meter, all in one, pH electrode is | | | |
| ļ | | included, easy for general purpose application. | | | |
| | * | Build in temperature sensor, ATC (auto temperature | | | |
| ļ | | compensation). | | | |
| ļ | * | pH 4, pH 7 standard solution are standard accessories. | | | |
| ļ | * | Easy to change the pH electrode. | | | |
| | * | Temperature measurement, $^{\circ}\text{C}$, $^{\circ}\text{F}$. | | | |
| | * | IP67, water proof and protection. | | | |
| ļ | * | Auto calibration for pH 4, pH 7 or pH 10 or other value. | | | |
| ļ | * | High input impedance. | | | |
| | * | LCD with two displays and bar graph indicator. | | | |
| | * | Data hold function for freezing the desired value. | | | |
| | * | Auto power off. | | | |
| | * | Records max. and min. value with recall. | | | |
| | * | 100 point data logger with recall. | | | |
| ļ | * | Microcomputer circuit, intelligent function, high accuracy. | | | |
| | * | Compact size, light weight. | | | |
| ļ | * | Power supply by DC 1.5 V battery (UM4/AAA) x 4 PCs, | | | |
| | * | 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 : 20 mm x 28 mm. | | |
|--------------|-----------------------------|------------------------------|--|
| | * With bar graph indicator. | | |
| Measurement | рН | 0 to 14 pH. | |
| Range | Temp. | -5 to 80 ℃ (23 to 176 °F). | |
| Resolution | рН | 0.01 pH. | |
| | Temp. | 0.1 °C / 0.1 °F. | |
| Accuracy | рН | ± 0.02 pH | |
| | | * After calibration. | |
| | Temp. | ± 0.8 °C/ ± 1.5 °F. | |
| pH Input | 10^12 ol | hms. | |
| Impeda | | | |
| pH Electrode | Included | . * PE-12 | |
| Data Hold | Freeze th | ne display reading. | |
| Sampling | Approx. (| 0.8 second. | |
| Time | | | |

| pH Temp. | ATC (Automatic temperature | | |
|---------------|---|--|--|
| Compensation | compensation), build thermister Temp. | | |
| | sensor. | | |
| Memory Recall | Maximum & Minimum value. | | |
| рН | pH 7, pH 4 or pH 10, 3 points | | |
| Calibration | calibration ensure the best linearity and | | |
| | accuracy. | | |
| | * Other calibration point that near the | | |
| | pH 7, pH 4, and pH 10 are available. | | |
| Data Logger | Max. can save 100 point data with recall. | | |
| | Manual, push the data logger button | | |
| | once will save data one time. | | |
| Circuit | Custom one-chip of microprocessor LSI | | |
| | circuit. | | |
| Operating | Meter: | | |
| Temperature | 0 to 60 $^{\circ}\mathrm{C}$ (32 to 140 $^{\circ}\mathrm{F}$). | | |
| | pH electrode : | | |
| | -5 to 80 $^{\circ}\mathrm{C}$ (23 to 176 $^{\circ}\mathrm{F}$). | | |
| Operating | Less than 80% RH. | | |
| Humidity | | | |
| Power Supply | DC 1.5V battery (UM-4/AAA) x 4 PCs. | | |
| Power | Approx. 4.8 mA. | | |
| Consumption | | | |
| Dimension | 186 x 40 x 32 mm | | |
| | (7.3 x 1.6 x 1.3 inch). | | |
| | * Meter with pH electrode. | | |
| Weight | 131 g/0.36 LB (included electrode). | | |
| Power off | Auto power shut off to save battery life. | | |
| Standard | Instruction Manual 1 PC | | |
| Accessories | pH electrode, PE-12 1 PC | | |
| (included) | pH 7.00 buffer solution, PH-07A 1 PC | | |
| | pH 4.00 buffer solution, PH-04A 1 PC | | |
| | * PE-12, PH-07A, PH-04A are the | | |
| | consumer accessory. | | |
| Standard | pH electrode, PE-12 | | |
| Accessories | pH 7.00 buffer solution, PH-07A | | |
| | pH 4.00 buffer solution, PH-04A | | |
| | | | |

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