

Product ID: pH 705

pH Meter (pH 705)

pH 705 pH Meter

3 1/2 Digit , Large LCD Display, Max Display +/- 1999

Measuring Range: pH 0.01 ~14.00 PH

Temperature: 0.1 °C~ 65 °C, Millivolt : 1mV ~ +/- 1999mV Accuracy: pH Value +/- 0.01PH,

Temperature: +/- 0.8% , Millivolt : +/- 0.5%

Dual Display, Reading Hold Function, Manual/ Automatic Temperature Compensation

Auto Power Off, RS-232 Interface....and etc.

Measurement	pH	mV	Temp. (°C)	Temp.(°F)
Range	0 ~ 14pH	0~ 1999mV	0~ 65°C	32~ 150°F
Resolution	0.01pH	1mV	0.1°C	0.1°F
Accuracy	+/- (0.03pH +2Digits)	+/- (0.5% +1 Digit)	0~50°C +/- 1°C; While > 50°C +/-4°C	32~ 122°F +/-1.8°F ; While > 122°F +/- 7.2°F



pH Meter pH 705

Specifications:

- pH 705 Features:
 - Microprocessor Circuit assures maximum possible accuracy, provides special functions and features
 - Super large LCD display with contrast adjustment for best viewing angle
 - Dual function meter display
 - Heavy duty & compact housing case designed for easy operation
 - Records Maximum, Minimum and Average readings with Recall
 - Data hold function to freeze the desired value on display
 - Auto power off to save battery life
 - RS-232 PC serial interface
 - Low battery indication
 - Multi-measurement: pH, mV, Temperature
 - Temperature function for Degree C or Degree F can be selected.
 - Dual display, show the pH & temperature values at the same LCD display
 - High input impedance to avoid measuring error
 - Wide automatic & manual temperature compensation range
 - The value of " Manual Temp. compensation" direct from LCD display for easy operation
 - Optional temp. probe for automatic temp. compensation or temp. measurement.

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- mV(milli volt) measurement for selective ORP and other precise mV measurement.
- Built in SLOPE (pH4) & CAL (pH 7) calibration VR on the front panel is easy for single point or two points pH calibration and its calibration data can be kept into its non erasable memory IC.
- pH 705 Wide Applications:
 - Water conditioning, aquariums, beverage, fish hatcheries
 - Food processing, photography, laboratory, paper industry, plating industry,
 - quality control, school and college, water conditioning
- pH 705 Specifications: (23 +/- 5 °C)
 - Measurement Functions:pH mV Temp.(° C) Temp. (° F)
 - Measurement Ranges:0 to 14 pH ; 0 to 1999 mV ;0 to 65 ° C /32 to 150 ° F
 - Resolution: 0.01 pH ; 1 mV ; 0.1 ° F /0.1 ° F
 - Accuracy:
 - pH : +/- (0.03PH + 2d);
 - mV : +/- (0.5% + 1d) ;
 - Temperature:
 - 0-50 ° C (+/- 1 ° C)
 - 32-122 ° F (+/- 1.8 ° F)
 - > 50 ° C (+/- 4 ° C)
 - > 122 deg F (+/- 7.2 deg F)
 - *PH accuracy are based only on meter after calibration.
- pH 705 General Specifications:
 - Circuit: Custom one - chip of microprocessor LSI circuit.
 - Auto shut off , saves battery life , or manual off by push button.
 - Display: Dual function meter's display, 13 mm(0.5").Super large LCD display with contrast adjustment for best viewing angle
 - Data output: RS 232 PC serial interface.
 - Measurement: PH 0 to 14 pH ; mV 0 to 1999mV, Temperature Temperature 0 to 65 ° C Operating Temperature: 0 ° C to 50 ° C(32 °F to 122 °F).
 - 32 to 150 ° F
 - OverinputIndication: Indication of"-----".
 - pH Electrode: Any combination pH electrode with BNC connector.
 - Operating Temperature : 0 ° C to 50 °C(32 °F 122°F). 32 to 150 °F



- Operating Humidity: Less than 80% RH.
- Sampling time: Approx. 0.8 second.
- Temperature Compensation: (atPH) range Manual 0 to 100 °C,adjusting by push button on front panel
- Power Source: Heavy duty type,006P DC 9V battery MN1604 (PP3) or equivalent
- Automatic With the optional TEMP.probe, 0 to 65 ° C.
- Consumption Current: Approx. DC 5.7 mA.
- (PH) Calibration Point: Built in SLOPE (PH4) & CAL.(PH7)
- calibration VR (multi-turns potentiometers)on front panel, high reliability.
- Weight: 270 g/0.59 LB.
- Dimensions: 180x72x32mm(7.1x2.8x1.3inch).
- Data Hold/Memory Recall: To hold the reading values on display.
- Records Maximum , Minimum andAverage readings with RECALL.
- Standard Accessoris: Instruction manual....1PC.
- Optional Accessories: Carrying case.
- Optional pH electrode, PE-01.PE-11.pH electrode, PE-03./ ATC temp. probe, TP-07./pH4 buffer solution / PH-04.pH7 buffer solution, PH-07.

- Electrical Specifications : (23 +/- 5 ° C)

pH accuracy are based on meter after calibration.

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