



pH-703



## Pen Type pH Meter

- ❑ High quality, light weight and compact design
- ❑ Measure water pH fast and easily in many fields such as swimming pools, aquariums, cooling towers, water and wastewater treatments, sanitation plants and laboratory applications.
- ❑ High resolution 0.01pH and high accuracy  $\pm 0.02$ pH
- ❑ Comes complete with protective carry case and standard pH7 buffer solution
- ❑ ATC: Auto temperature compensation

<b>Measurement ranges</b>	0.00 ~ 14.00pH
<b>Resolution</b>	0.01pH
<b>Accuracy</b>	$\pm 0.02$ pH
<b>ATC</b>	0~50°C
<b>General</b>	
<b>Power requirement</b>	9V Battery x1
<b>Dimensions</b>	158x40x34mm (6.2"x1.6"x1.3")
<b>Weight</b>	3.15 Oz(90g)
<b>Accessories</b>	pH7 buffer solution can, batteries and manual, protective carrying case

## pH Meter + Temperature



pH-705



- ❑ 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 0~1999mV
- ❑ Accuracy: pH value  $\pm 0.03$ pH+2d
- ❑ Temperature:  $\pm 0.8\%$ , millivolt:  $\pm 0.5\%$
- ❑ Dual display, reading hold function
- ❑ Manual/ automatic temperature compensation
- ❑ Auto power off, RS-232 Interface....and etc.

Electrical specifications (23°C $\pm 5^\circ$ C)				
Measurement	pH	mV	Temp. °C	Temp. °F
<b>Range</b>	0~14 pH	0~1999 mV	0~100°C	32~212°F
<b>Resolution</b>	0.01 pH	1 mV	0.1 °C	0.1 °F
<b>Accuracy</b>	$\pm 0.03$ pH +2d	$\pm 0.5\%$ + 1 d	$\pm 1^\circ$ C < 50 °C	$\pm 1.8^\circ$ F < 122°F



pH-04



pH-07

General							
<b>Circuit</b>	custom one-chip of microprocessor LSI circuit						
<b>Display</b>	Dual function meter's display, 13mm super large LCD display with contrast adjustment for best viewing angle						
<b>Measurement</b>	<table border="1"> <tr> <td>PH</td> <td>0 to 14 pH</td> </tr> <tr> <td>Temperature</td> <td>0 to 65°C (32 to 150°F)</td> </tr> <tr> <td>mV</td> <td>0 to 1999 mV</td> </tr> </table>	PH	0 to 14 pH	Temperature	0 to 65°C (32 to 150°F)	mV	0 to 1999 mV
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Temperature	0 to 65°C (32 to 150°F)						
mV	0 to 1999 mV						
<b>Input impedance</b>	10-12Ω						
<b>Weight</b>	250g (including battery)						
<b>Temp. compensation for pH range</b>	<table border="1"> <tr> <td><b>Manual:</b></td> <td>0°C to 100°C adjusting by push button on front panel</td> </tr> <tr> <td><b>Automatic:</b></td> <td>with the optional temp. probe, 0°C to 65°C</td> </tr> </table>	<b>Manual:</b>	0°C to 100°C adjusting by push button on front panel	<b>Automatic:</b>	with the optional temp. probe, 0°C to 65°C		
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<b>Automatic:</b>	with the optional temp. probe, 0°C to 65°C						
<b>Calibration for pH range</b>	Built-in SLOPE (PH-04) & CAL (PH-07) calibration VR (multi-turns potentiometer) on front panel, high reliability						
<b>Data output</b>	RS-232C PC serial interface						
<b>Over input indication</b>	indication of "----"						
<b>Operating environment</b>	0°C to 50°C (32°F to 122°F), < 80% RH						
<b>Power supply</b>	Heavy duty type, 006P DC 9V battery MN1604 (PP3)						
<b>Dimension</b>	180x72x32mm						
<b>Weight</b>	9.45 oz (270g)						
<b>Optional accessories</b>							
<b>CA-03</b>	Carrying soft case						
<b>UPCB-01</b>	RS-232C cable						
<b>SW-U101-WIN</b>	Windows software 95/98 2000/XP						
<b>PE-148</b>	pH electrode 0~14pH, 0~80°C, PC 165x12 mm						
<b>PE-149G</b>	pH electrode 0~14pH, 0~90°C refillable, glass 155x12mm						
<b>ORP-148G</b>	pH electrode $\pm 1500$ mV, 0~80°C AgCl refillable, glass 160x12 mm						
<b>PE-03B</b>	pH electrode 0~14pH, 0~80°C, PC 165x12mm, W/BNC plug						
<b>TP-07</b>	Temperature probe (0-65°C)						



TPK-148N

PE-149G

PE-03B

ORP-148G