

Pen Type pH Meter



pH-703

- ❑ 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 ± 0.02 pH
- ❑ Comes complete with protective carry case and standard pH7 buffer solution
- ❑ ATC: Auto temperature compensation

Measurement ranges	0.00 ~ 14.00pH
Resolution	0.01pH
Accurac	± 0.02 pH
ATC	0~50°C
General	
Power requirement	9V Battery x1
Dimensions	158x40x34mm (6.2"x1.6"x1.3")
Weight	3.15 Oz (90g)
Accessories	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 ± 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 ± 5 °C)				
Measurement	pH	mV	Temp. °C	Temp. °F
Range	0~14 pH	0~1999 mV	0~100°C	32~212°F
Resolution	0.01 pH	1 mV	0.1 °C	0.1 °F
Accuracy	± 0.03 pH +2d	$\pm 0.5\% + 1$ d	± 1 °C < 50 °C	± 1.8 °F < 122 °F



RS-232



pH-04



pH-07

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



PE-148



PE-149G



TP-07

ORP-148G


pH meters / Temp. Humidity Transmitter

pH/mV/Temp Meter



- Microprocessor based with splash proof housing
- Simultaneous display pH and temperature
- Automatic or manual temperature compensation. °C/°F switchable
- Simple to calibrate by one keyboard for 3 points buffer
- Calibration value can be adjusted as needed.
- Indicate percentage of slope (PTS) after calibration
- Low battery and consumption indicator
- Auto power off after 10 minutes of non use
- Rubber protective holster with magnetic

Model	pH-706		
Function	pH	mV	Temp.
Range	0-14.00	±1999 0	0-100°C
Accuracy	± 0.02	± 2	± 0.5°C
Resolution	0.01	1	0.1°C
Compensation	ATC 0- 100°C		
Calibration	pH 4.00, 7.00, 10.00		
Battery	9V		
Dimensions	108x75x30mm		
Weight	135g (with battery), 4.72 Oz		
Accessories	pH7 buffer solution can, batteries and manual, protective carrying case		


 TECPEL CO., LTD. <http://www.tecpel.com.tw> E-mail: sales@tecpel.com
pH-706

Temperature/Humidity Transmitter