

# TES-1380 PH / ORP / Temperature Meter

## FEATURES

- Fast and Easy pH measurement
- Dual LCD display shows PH/°C & °F or mV/ °C & °F simultaneously
- Logging 99 readings



## SPECIFICATION

Electrical Specifications : ( 23 +/- 5 °C & 45%RH - 75%RH )

Measurement	Range	Resolution	Accuracy
PH	-2 to 16pH	0.001pH	+/- 0.002pH
mV	0 to 2000mV	0.1mV	+/- 0.2mV
Temp. (°C )	0 to 100 °C	0.1 °C	0.5 °C
Temp. (°F )	32 to 212°F	0.1 °F	0.9 °F

### General Specification

<b>Circuit</b>	Custom one-chip of microprocessor circuit.
<b>Display</b>	Super large LCD display 76.5mm*50.5mm*2.7mm
<b>Measurement</b>	pH : -2 to 16 pH mV : 0 to 2000mV Temperature : 0 to 100°C , 32 to 212 °F
<b>Input Impedance</b>	≅ 1012 ohms
<b>Temperature Compensation For pH Range</b>	Manual : 0 to 100 °C, adjusting by push button on front panel. Automatic : With the optional TEMP probe, 0 to 100 °C
<b>Calibration For pH Range</b>	Built in SLOPE (pH 4) & CAL. (pH 7)
<b>Data Hold</b>	To auto hold the reading values on display.
<b>Memory Recall</b>	Single record 99 point, Continuity record 99 point MAX 4500 data
<b>Power off</b>	Auto shut off 10 minutes saves battery life, or manual off by push button.
<b>Over Input Indication</b>	Indication of "-- -- -- -- "
<b>PH Electrode</b>	Any combination pH electrode with BNC connector.
<b>Operating Temperature</b>	0 °C to 50 °C ( 32°F to 122 °F )

<b>Operating Humidity</b>	Max. 80% RH
<b>Sampling Time</b>	Approx. 1.5 second
<b>Power Supply</b>	S-006P 9V 6F22 battery (Heavy duty type)
<b>Battery Life</b>	50 hours ( approx. )
<b>Accessories</b>	Carrying case, Instruction manual, Battery
<b>Optional Accessories</b>	pH electrode, Temperature probe, PH Standard Buffer Solution.

