

TECPEL

Micro Processor Base pH/mV/Temperature meter

Model: PH-870

Features:

- Hand-Held lightweight design
- Dual display pH(mV) & Temperature
- pH (pH4, pH7, pH10) and Temp.(25°C and 70°C) calibration for highly accuracy
- HOLD, MAX, MIN, MAX-MIN, AVG functions
- Temperature compensation:
Auto(0°C to 80°C)/manual(0°C to 100°C) user selectable
- RS232 Interface with Windows Software
- Suitable for ion selective with "mV" range
- 3½ digital 2000 counts
- Low battery indication
- CE-Mark approval



General Specifications:

Operating environment: 0°C to 50°C, <75% R.H..
Storage environment: -20°C to 60°C, 0 to 80% R.H.
with battery removed.
Accuracy: Stated accuracy at 23°C±5°C, <75% R.H..
Dimensions: 155.5mm(H) x 48mm(W) x 35mm(D).
Weight: Approx. 94g.

Temperature Specifications:

Sensor: Thermistor (NTC, 3.5mm phone jack/1cm)
Range: 0°C to 80°C (32°F to 176°F)
Resolution: 0.1°C / 0.1°F
Accuracy: ±1.0°C (2°F)

Ph Specifications:

Range: 0.00 to 14.00pH @ 0°C to 80°C
Resolution: 0.01pH
Accuracy: ±3dgts (Not include pH sensor)
Input Impedance: 10¹²Ω

mV Specifications:

Range: 0mV to 1999mV (Auto range)
Resolution: 0.1/1 mV
Accuracy: ±(0.5% rdg+2dgts)

Standard Accessories:

pH electrode Sensor (BNC connector/1mcombo)
pH4 buffer solution
pH7 buffer solution
pH10 buffer solution
RS232 cable / Soft carrying bag