

TES

Reliable in Quality

1381 Conductivity & pH/ORP Meter

FEATURES

- pH, mV, Conductivity, TDS, Resistivity, Salinity, Concentration and Temperature measurement functions.
- 0.001pH, 0.1mV, 0.01 μ S/cm, 0.01mg/L and 0.1 °C / °F Resolution.
- Programmable Temperature Coefficient for conductivity measurement.
- Auto / Manual Temperature Compensation for pH measurement.
- Practical Salinity in the Range of 0 ~ 42.0, in accordance with UNESCO data measurement.
- Concentration mode, the operator can create a user-defined table.
- Dual display with temperature Simultaneously.
- Easy & Fast to operate.
- Ideal for most water application.
- Available cell constant of K=0.1, K=1.0 and K=10.
- 99 sets data memory and read function.
- 512KB auto datalogging capacity.
- USB interface.
- Indication of pH Electrode status.



SPECIFICATIONS

Display	4½ digital LCD display
Measurement Range	pH : 0 ~ 14 pH , mV : 0 ~ 2000mV Temp : 0 °C ~ 100 °C (32 °F ~ 212°F) Conductivity : 0~19.99 μ S/199.9 μ S/1999 μ S/19.99mS/199mS/cm TDS : 0~13.20mg/L, 132.0mg/L, 1320mg/L, 13.2g/L, 132g/L. Resistivity : 0~1.999M Ω •cm, 0~19.99M Ω •cm Salinity : 0.0 to 42.0 S(ppt) Concentration : 0 to 9999
Resolution	pH : 0.001 pH , mV : 0.1 mV Temp : 0.1 °C (0.1°F) , Conductivity : 0.01 μ S/cm TDS : 0.01mg/L , Resistivity : 0.001M Ω •cm Salinity : 0.1
Accuracy	pH : $\pm$ 0.01 pH , mV : $\pm$ (0.1% + 1d) Temp : $\pm$ 0.5 °C (0.9 °F) , Conductivity : $\pm$ 0.3%reading TDS : $\pm$ 0.3%reading , Resistivity : $\pm$ 0.3%reading Salinity : $\pm$ 0.3%reading
Calibration date	Record the last data of adjustment
Operating/Storage Temp & Humidity	0°C to 50°C < 80%RH / -10°C to 60°C < 70% RH
Power Supply & Battery Life	"AAA"-1.5V x 6 (Approx. 120 hours)
Dimensions & Weight	187(L) x 73(W) x 50(H)mm & 320g
Manual Memory Capacity	99 sets direct readings from LCD display.
Applications	Stains, Lotion, Chemical, Brew, Bacteriology, Filthy water, Pulp, Pharmacy, Ferment, Electroplate, Drink, Aquaculture etc.
Accessories	Instruction manual, Batteries, CD software, USB cable, Carrying case.
Optional Accessories	PT100 : RTD Temperature probe pH-200 : pH electrode CD-200 : Conductivity probe (K=1.0)

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