



pH/mV/ Conductivity/ Temperature Meter J1671

- Microprocessor Based
- Touch Key Control
- Splash Proof Front Panel
- Electrode Offset Recognition
- Electrode Slope Recognition
- NBS Buffer Recognition
- Manual and Automatic Temperature Compensation
- Audio Feedback for Touch Keys and Error Recognition
- Conductivity Range Selectable to 5 Ranges

Use this meter in the lab or take it with you. Internal "AA" batteries (included) power instrument in the field. Measure conductivity, pH/mV and temperature online power; measure pH/mV and temperature on battery power.

Automatic temperature compensation ensures accuracy. Adjust cell constant from 0.6 to 1.6% of nominal setting. Automatic end point recognition senses the end point of your pH or mV measurement and holds it on the display.

Meter includes six AA batteries and a 6-ft cord with plug. Accepts pH probes with BNC connectors; order adapter to connect probes with triaxial cable. Order conductivity cells separately. Each has a cell constant of 1cm-1, a built-in ATC thermistor, and a 3-ft cable with 5-pin DIN connector.

See ordering information for details regarding various electrode options and types.



Specifications

Temperature Compensation	
Conductivity	0 to 50°C, 2% per °C
pH	Manual or Automatic, 0 to 99.9 °C
Cell	Order Separately
Cell Dimension	12mm
Display	
Conductivity	1/2" LCD with pS/mS legend
pH/mV	1/2" LCD with pH/mV legend
Temperature	1/4" LCD with °C legend
Ambient Operating Temp.	32 to 122°F; 0 to 50°C
Power	115/230 VAC (switch selectable)
	Six NiCd batteries (included)
Battery Life	20 Hours
Ship Weight	3 lbs (1.4 kg)

MODE	CONDUCTIVITY	pH	mV	Temperature
Ranges	0 to 19.99, 0 to 199.9, 0 to 1999µS; 0 to 19.99, 0 to 199.9 mS,	-2.00 to 16.00	±999	0.0 to 99.9°C 0.1°C
Resolution	0.01µS; 0.1µS; 1µS 0.01mS; 0.1mS	0.01 pH	1mV	0.1°C
Accuracy	±1% FS ±1 digit	±0.1% ± 1 digit	±0.1% ± 1digit	1/4 0.5°C ±1 digit

Ordering Information

ITEM	DESCRIPTION
J1671	pH/mV/Conductivity/ Temperature Meter
SOTA-pH-03B	pH Electrode, 3' cable BNC connector
SOTA-ORP-03B	ORP Electrode, 3' cable BNC connector
J6000A	Temperature/ATC Electrode
J6000P	3-in-1 pH/Ref/Temperature Electrode
J6001C	3-in-1 Connector Cable
CT200023	Conductivity Electrode
J007N	Electrode Holder Arm