



Orion Conductivity Meter Orion 162A

- Conductivity
- Salinity
- TDS
- Resistivity
- Temperature



- Large, Bright Simultaneous Display of Conductivity, Temperature and Cell Constant
- Flexible Calibration, Temperature Compensation and Automatic Data Logging Options
- Meets USP Requirements

The Orion 162A offers the convenience of measuring in conductivity, resistivity, total dissolved solids (TDS), or salinity simply by pressing a single key to toggle between the modes. Calibrate in one step with DirectCal™ or up to five points with the AutoCal™ option. Orion conductivity standards are automatically recognized by the meter. The Orion 162A uses Orion 4-electrode Duraprobe cells or 2-electrode cells with integrated thermistors. Temperature compensation options include linear with adjustable temperature coefficient, non-linear for natural waters, non-linear for ultra-pure water. Advanced datalogging options include user defined timed interval down to 5 seconds, manual or reading differential logging. Bi-directional RS232 allows remote operation of the meter from a PC. A variety of probes are available for optimal sample measurement. Meter warranty is three years. Complete USP testing packages are available.

Specifications

Conductivity	
Conductivity Range	0 to 500,000 µS/cm
Resolution	0.01
Accuracy	0.5% ± 1 digit
Salinity	
Salinity Range	0.0 to 80.0 ppt
Resolution	0.1
Accuracy	± 0.1
TDS	
TDS Range	0 to 19,900 mg/L
Resolution	1mg/L
Accuracy	± 0.5%
Resistivity	
Resistivity Range	0 to 20 megohm
Resolution	0.01
Accuracy	0.5% ± 1 digit
Cell Constant	0.07 to 14.99
Other Measurement Modes	--
Display	LED
Inputs	8 pin WP DIN
Outputs	RS232, Recorder
24 Hour Clock	Yes
Power Requirements	AC Line, 110V, 220V, 240V
Agency Approvals	UL/CSA/CE/FCC
Environmental Requirements	5 °C to 45 °C and < 85% RH non-condensing

Ordering Information

ITEM	DESCRIPTION
0162A0	Orion 162A without Probe

