

Specifications:

Accuracy (Conductivity) 0.05% of reading ± 1 digit
Accuracy (Resistivity) 0.05% of reading ± 1 digit
Accuracy (Salinity) ± 0.1 ppt
Accuracy (TDS) 0.05% of reading ± 1 digit
Power Supply Universal 90-260 Vac (sold separately)
Battery Life 800 hours
Battery Type Four AA (included)
Calibration Points Up to 5
Cell Constant 0.001 to 199.9cm
Compatible Probes 2-cell and 4-cell conductivity with built-in temperature
Description Orion Star A222 Conductivity/TDS/Resistivity/Salinity/Temperature Portable Meter
Display Type Graphic LCD with backlight
Hertz 50/60Hz
Inputs 8-pin Mini-DIN (conductivity with temperature probe)
Log Edit Type Delete last point or delete all
Log Function Type Manual, automatic with AUTO-READ
Outputs USB, RS232
Range (Conductivity) 0.001 μ S/cm to 3000 mS/cm
Range (Resistivity) 2 ohm to 100 meg-ohm
Range (Salinity) 0.01 to 80.0 ppt NaCl equivalent; 0.01 to 42 ppt practical salinity
Relative Humidity Range 5 to 85% non-condensing
Resolution (Conductivity) 0.001 μ S minimum, 4 significant digits minimum
Resolution (Resistivity) 2 ohms - cm
Resolution (Salinity) 0.01ppt
Resolution (TDS) 4 significant digits
Sensor Types 2-cell or 4-cell conductivity probe - purchase separately
Temperature (Metric) Reference 5, 10, 15, 20, 25°C
Temperature Accuracy $\pm 0.1^\circ\text{C}$
Temperature Compensation Linear, nLFn (non-linear ultra pure water), nLFu (non-linear ultra pure degassed water), EP (off with warning) or off
Temperature Range -5 to +105°C
Resolution (Temperature) 0.1°C
Warranty 3 year meter replacement
Certifications/Compliance IP-67