

Orion® 3-Star Portable pH Meter

Highly Advanced *Waterproof* Series

3 Year Warranty

Item Number: 1212000



- Easy user friendly 3-button function
- Balanced comfortable handling
- Bright, backlit LCD display with ready indication
- Automatic or manual calibration
- Stores up to 10 methods with password protection

This waterproof, battery-operated Orion pH meter stands up to the most demanding field applications and delivers over 2,000 hours of continuous operation. Convenient Quick-Start Guide is located on the back of the Orion meter to make the unit easy to operate in the field. Featuring automatic or 1 to 5 point manual calibration, the rugged Orion meter offers a full complement of GLP-related features. You can record and store up to 10 setup parameters and calibrations – a valuable feature for fast measurements in the field. Download additional methods and software updates via the Web.

Additional features

- IP67 waterproof (may be immersed for up to one hour with no water incursion)
- Waterproof BNC pH electrode connectors
- Automatic or manual pH calibration with 1 to 5 calibration points
- Auto-buffer-recognition of NIST/US and DIN buffers
- Advanced self-tests on meter operation, self-diagnostics
- 200 point datalogger, downloadable to printer or computer via RS232 or USB interface optional
- CE, CSA, UL, TÜV and FCC Class A limits approved
- Universal power adapter for worldwide operation
- Three-year replacement warranty for the Orion meter

Specification

Range:	-2.000 to 19.999 or 0 to 14 in aqueous solutions
Resolution:	0.1 / 0.01 / 0.001
Relative accuracy:	+/- 0.002
Temperature:	-5 to 105°C
Communication:	Waterproof bi-directional RS232 – Stereo jack, optional USB interface cable
Power:	4xAA Batteries, Powerless data protection
Operating Temperature:	5 to 45 °C

Application Kits

Complete application kits including the Orion meter, electrode, standards, solutions and accessories are available for your convenience.

Applications	Item Number
pH of General Application	1212001
pH of Salt Water	1010115
pH of Surface Fresh Water	1010120
pH of Waste Water	1010110