

Features

- Measures pH and ORP levels in water
- Manual or automatic temperature compensation (with optional ATC probe, R3000SD-ATC)
- 3-point calibration ensures best accuracy
- Accepts pH/ORP Electrodes with BNC connector
- Real time datalogger with integrated SD memory card
- User selectable sampling rate
- Easy-to-read backlit LCD display
- Data hold and Min/Max functions
- Tripod mount for long-term monitoring
- Low battery indicator and auto shut off
- Includes soft carrying case & batteries

Specifications

Temperature

Automatic Temperature Compensation (ATC):
 Manual: 33.8 to 212°F (1 to 100°C)
 Optional ATC Probe (R3000SD-ATC):
 32 to 149°F (0 to 65°C)

ORP (mV)

Measuring Range: -1999 to 1999mV
 Accuracy: ±(0.5% +2 dgt)
 Resolution: 1 mV

pH

Measuring Range: 0.00 to 14.00
 Accuracy: ±(0.02 pH +2 dgt)
 Resolution: 0.01 pH
 pH Electrode Compatibility: Any pH electrode with BNC connector

General Specifications

Display: Dual Display, LCD
 Backlit Display: Yes
 Data Hold: Yes
 Min: Yes
 Max: Yes
 Datalogging Capabilities: Yes
 Real-Time Clock and Date Stamp: Yes
 Sampling Rate: Yes (1 second to 8 hours, 59 minutes and 59 seconds)

TECHNICAL DATA



Continued...

TECHNICAL DATA

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|---------------------------|--|
| External Memory: | Yes, expandable up to 16GB with SD card (optional) |
| Auto Shut-off: | Yes (after 10 minutes/off) |
| Kick Stand: | Yes |
| Tripod Mountable: | Yes |
| Low Battery Indicator: | Yes |
| Power Supply: | 6 x AA batteries or AC Adapter (optional) |
| Data Output: | Yes (RS-232) |
| Battery Life: | Sampling Time Dependent |
| Product Certifications: | CE |
| Operating Temperature: | 32 to 122°F (0 to 50°C) |
| Storage Temperature: | 14 to 140°F (-10 to 60°C) |
| Operating Humidity Range: | 10 to 80% |
| Dimensions: | 7 x 2.7 x 1.9" (177 x 68 x 45mm) |
| Weight: | 1.1lb (489g) |

R3000SD-KIT pH/ORP Meter Kit

Includes:
R3000SD Data Logging pH/ORP Meter, R3000SD-PH2 General Purpose Electrode, & R3000SD-ORP Professional ORP Electrode



R3000SD-KIT2

Data Logging pH/ORP Meter with Electrodes and Buffer Solution

Includes:
R3000SD Data Logging pH/ORP Meter, R3000SD-PH2 pH Electrode, R3000SD-ORP ORP Electrode, R1404 4pH Buffer Solution and R1407 7pH Buffer Solution



R3000SD-KIT3

Data Logging pH/ORP Meter with Electrodes, Temp Probe, SD Card and Power Adapter

Includes:
R3000SD Data Logging pH/ORP Meter, R3000SD-PH2 pH Electrode, R3000SD-ORP ORP Electrode, R3000SD-ATC ATC Temperature Probe, RSD-16GB 16GB Micro SD Memory Card with adapter and RSD-ADP-NA Power Adapter



| Model | Description |
|--------------|--|
| R3000SD | Data Logging pH/ORP Meter |
| R3000SD-PH2 | General Purpose Electrode |
| R3000SD-ORP | Professional ORP Electrode |
| R3000SD-ATC | Automatic Temperature Compensation Probe |
| R1404 | pH Buffer Solution, 4.01, 500ml |
| R1407 | pH Buffer Solution, 7.0, 500ml |
| R1410 | pH Buffer Solution, 10.0, 500ml |
| R1420 | Electrode Storage Solution, 500ml |
| R1425 | Electrode Cleaning Solution, 500ml |
| R1500 | Tripod |
| RSD-ADP-NA | Power Supply, 110V |
| RSD-ADP-EU | Power Supply, 220V |
| CA-05A | Soft Carrying Case |
| R8888 | Hard Carrying Case |
| SD-4GB | 4GB Class 4 SDHC Memory Card |
| RSD-16GB | 16GB Micro SD Memory Card w/Adapter |
| R3000SD-KIT | pH/ORP Meter Kit |
| R3000SD-KIT2 | Data Logging pH/ORP Meter with Electrodes and Buffer Solution |
| R3000SD-KIT3 | Data Logging pH/ORP Meter with Electrodes, Temp Probe, SD Card and Power Adapter |
| R3000SD-NIST | Data Logging pH/ORP Meter with NIST |