

Data Logging pH/ORP Meter Model R3000SD



Features TECHNICAL DATA

- 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 (O to 65°C)

ORP (mV)

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

Resolution: 1 mV

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Measuring Range: 0.00 to 14.00 Accuracy: $\pm (0.02 \text{ pH} + 2 \text{ dgt})$

Resolution: 0.01 pH

pH Electrode

Compatibility: Any pH electrode with

BNC connector

General Specifications

Display: Dual Display, LCD

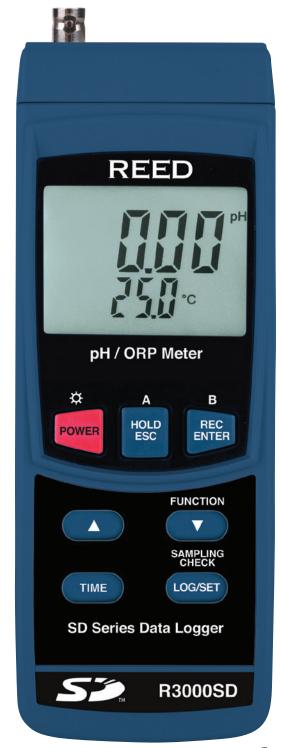
Backlit Display: Yes
Data Hold: Yes
Min: Yes
Max: Yes
Datalogging Capabilities: Yes

Real-Time Clock and

Date Stamp: Yes

Sampling Rate: Yes (1 second to 8 hours,

59 minutes and 59 seconds)



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TECHNICAL DATA

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)

Yes (RS-232) Data Output:

Sampling Time Dependent Battery Life:

Product Certifications:

Operating Temperature: 32 to 122°F (O to 50°C) Storage Temperature: 14 to 140°F (-10 to 60°C)

Operating Humidity Range: 10 to 80% 7 x 2.7 x 1.9" Dimensions: (177 x 68 x 45mm)

Weight: 1.1lb (489a)

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 |