# Data Logging pH/ORP Meter Model R3000SD



## 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: Accuracy: Resolution: **pH** Measuring Range: Accuracy: Resolution: pH Electrode Compatibility: -1999 to 1999mV ±(0.5% +2 dgt) 1 mV

0.00 to 14.00 ±(0.02 pH +2 dgt) 0.01 pH

Any pH electrode with BNC connector

Dual Display, LCD

Yes

### **General Specifications**

Display: Backlit Display: Data Hold: Min: Max: Datalogging Capabilities: Real-Time Clock and Date Stamp: Sampling Rate:

Yes Yes Yes Yes Yes (1 second to 8 hours,

59 minutes and 59 seconds)

REED pH / ORP Meter Å Α В HOLD REC POWER ESC ENTER FUNCTION TIME LOG/SET SD Series Data Logger R3000SD

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# TECHNICAL DATA

# **Data Logging** pH/ORP Meter Model R3000SD



# TECHNICAL DATA

### External Memory:

Auto Shut-off: Kick Stand: Tripod Mountable: Low Battery Indicator: Power Supply:

Data Output: Battery Life: **Product Certifications:** Operating Temperature: Storage Temperature: Operating Humidity Range: 10 to 80% Dimensions:

with SD card (optional) Yes (after 10 minutes/off) Yes Yes Yes 6 x AA batteries or AC Adapter (optional) Yes (RS-232) Sampling Time Dependent CE 32 to 122°F (O to 50°C) 14 to 140°F (-10 to 60°C) 7 x 2.7 x 1.9" (177 x 68 x 45mm) 1.1lb (489g)

Yes, expandable up to 16GB

## R3000SD-KIT3

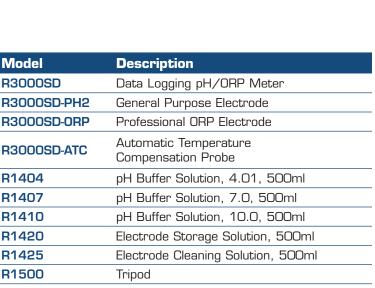
Data Logging pH/ORP Meter with Electrodes, Temp Probe, SD Card and Power Adapter

### 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

R3000SD



## **R3000SD-KIT**

Weight:

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, R14O4 4pH Buffer Solution and R1407 7pH Buffer Solution



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

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