

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
(v-ATC):
32 to 149°F (0 to 65°C)

ORP (mV)

Measuring Range: -1999 to 1999mV
Accuracy: $\pm(0.5\% + 2 \text{ dgt})$
Resolution: 1 mV

pH

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)

TECHNICAL DATA



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TECHNICAL DATA

External Memory:	Yes, expandable up to 16GB with SD card (optional)
SD Card Class Compatibility:	Class 4
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