



Features TECHNICAL DATA

• Measures pH and rH levels in water

 Manual or automatic temperature compensation (with optional ATC probe, R3000SD-ATC)

• 3-point calibration ensures best accuracy

Accepts pH/rH 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 (O to 65°C)

rH (mV)

Measuring Range: -1999 to 1999 mVAccuracy: $\pm (0.5\% + 2 \text{ dgt})$

Resolution: 1 mV

рΗ

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

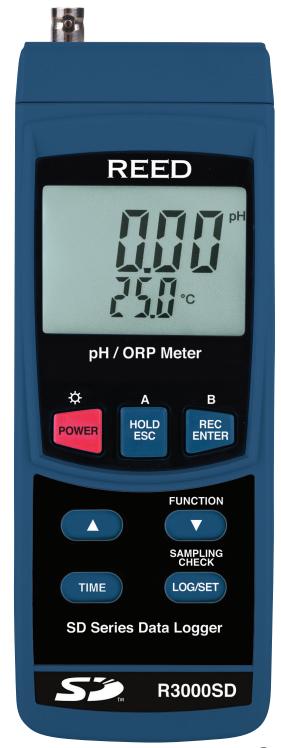
Backlit Display: Yes
Data Hold: Yes
Min: Yes
Max: Yes
Datalogging Capabilities: Yes

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)

SD Card Class

Compatibility: Class 4

Auto Shut-off: Yes (after 10 minutes/off)

Kick Stand: Yes Yes Tripod Mountable: 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: CE

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

Operating Humidity Range: 10 to 80% 7 x 2.7 x 1.9" Dimensions:

(177 x 68 x 45mm)

Weight: 1.1lb (489g)

R3000SD-KIT

pH/rH Meter Kit

Includes:

R3000SD Data Logging pH/ rH Meter. R3000SD-PH2 General Purpose Electrode, &

R3000SD-rH Professional rH

Electrode



R3000SD-KIT2

Data Logging pH/rH Meter with Electrodes and **Buffer Solution**

Includes:

R3000SD Data Logging pH/rH Meter, R3000SD-PH2 pH Electrode, R3000SD-rH rH Electrode, R1404

4pH Buffer Solution and R1407 7pH **Buffer Solution**



R3000SD-KIT3

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

Includes:

R3000SD Data Logging pH/rH Meter, R3000SD-PH2 pH Electrode,

R3000SD-rH rH 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/rH Meter
R3000SD-PH2	General Purpose Electrode
R3000SD-rH	Professional rH 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/rH Meter Kit
R3000SD-KIT2	Data Logging pH/rH Meter with Electrodes and Buffer Solution
R3000SD-KIT3	Data Logging pH/rH Meter with Electrodes, Temp Probe, SD Card and Power Adapter
R3000SD-NIST	Data Logging pH/rH Meter with NIST