### **Data Logging** Thermo-Hygrometer

Model R6050SD



- Measures relative humidity, ambient temperature and dew point/wet bulb temperatures
- Contact temperature measurement with a type J/K thermocouple option
- Temperature is measured in °C or °F
- Real time data logger with integrated SD memory card
- User selectable sampling rate from 1 to 3600 seconds
- 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 humidity/temperature probe, soft carrying case & batteries

#### **Specifications**

Max:

Temperature	
Measuring Range:	32 to 122°F (O to 50°C)
Accuracy:	±1.5°F (0.8°C)
Resolution:	O.1°F∕°C
Contact Temperature (Probe sold separately)	
Measuring Range:	Type K: -148 to 2372°F (-100 to 1300°C) Type J: -148 to 2192°F (-100 to 1200°C)
Accuracy:	≥-58°F (-50°C) ±(0.4% + 1°F (0.5°C)) ≤-58°F (-50°C) ±(0.4% + 1.8°F (1°C))
Resolution:	O.1°F/°C
Dew Point	
Measuring Range:	-13.5 to 120.1°F (-25.5 to 48.9°C)
Accuracy:	Sum of temp and RH accuracy
Resolution:	O.1°F/°C
Wet Bulb	
Measuring Range:	-6.9 to 122.0°F (-21.6 to 50.0°C)
Accuracy:	Sum of temp and RH accuracy
Resolution:	0.1°F/°C
Humidity	
Measuring Range:	5 to 95% RH
Accuracy:	±(3% rdg. + 1% RH): ≥70% RH ±3% RH: < 70% RH
Resolution:	0.1% RH
General Specifications	
Display:	Dual Display, LCD
Backlit Display:	Yes
Data Hold:	Yes
Min:	Yes

Yes

## REED Temperature and **Humidity Meter** ☆ POWER ESC



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### **REED Instruments**

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#### **TECHNICAL DATA**

%RH



#### **Data Logging** Thermo-Hygrometer Model R6050SD



**TECHNICAL DATA** 



Datalogging Capabilities: Yes Real-Time Clock and Date Stamp: Yes Sampling Rate: External Memory:

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

Data Output: Battery Life: Product Certifications: Storage Temperature: **Operating Humidity** Range: Dimensions: Weight:

R6050SD-KIT

Includes:

with Power Adapter and SD Card

Thermo-Hygrometer, RSD-16GB 16GB Micro SD Memory Card with adapter and RSD-ADP-NA

R6050SD Data Logging

AC Power Adapter

Yes (1, 2, 5, 10, 30, 60, 120, 300, 600, 1800, 3600 seconds) Yes, expandable up to 16GB 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 Operating Temperature: 32 to 122°F (O to 50°C) 14 to 140°F (-10 to 60°C) 10 to 80%

7 x 2.7 x 1.9" (177 x 68 x 45mm) 1.13lb(515g)

# Data Logging Thermo-Hygrometer REED





Model	Description
R6050SD	Data Logging Thermo-Hygrometer
R9933	Humidity Standard, 33%
R9975	Humidity Standard, 75%
R9980	Humidity Standard, 33% and 75%
R6050SD-PROBE	Replacement Probe for R6050SD
R2920	Surface Thermocouple Probe
R2930	Right Angle Thermocouple Probe
R2940	Air/Gas Thermocouple Probe
R2950	Immersion Thermocouple Probe
R2960	Needle Tip Thermocouple Probe
TP-01	Beaded Thermocouple
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
R6050SD-KIT	Data Logging Thermo-Hygrometer with Power Adapter and SD Card
R6050SD-NIST	Data Logging Thermo-Hygrometer with NIST

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