Features

- Displays up to 4 separate measurements simultaneously
- Accepts Type K, J , R, S, E, T thermocouples and RTD probes
- Temperature differential (T1-T2), Max/Min and Data Hold functions
- User selectable °C, °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
- Tripod mount for long-term monitoring
- Low battery indicator and auto shut off
- Includes beaded wire probe, soft carrying case & batteries

Specifications

Resolution:	0.1 or 1°F/°C
Type:	4-Channel Thermocouple, 2-Channel RTD
Response Time:	1x/second
Display:	Quad Display, LCD
Backlit Display:	Yes
Data Hold:	Yes
Min:	Yes
Max:	Yes
Differential Measurement (T1-T2):	Yes
Datalogging Capabilities:	Yes
Real-Time Clock and Date Stamp:	Yes
Selectable Sampling Rate:	Yes (1, 2, 5, 10, 30, 60,120, 300, 600, 1800, 3600 seconds)
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)
Data Output:	Yes (RS-232)
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:	Less than 85% RH

TECHNICAL DATA

REED

T1 44.6 T3 K 44.8
T2 44.7 T4 44.6 °C

4-CH Thermocouple / 2-CH RTD Thermometer

☼

POWER HOLD REC

T1-T2 TYPE
▲ ▼
— OFFSET —
SET LOG
TIME ENTER

SD Series Data Logger

SD R2450SD

Dimensions:	7.0 x 2.7 x 1.8" (177 x 68 x 45mm)
Weight:	0.6lbs (268g)
Operating Temperature:	32 to 122°F (0 to 50°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Operating Humidity Range:	10 to 90%
Maximum Operating Altitude:	6561' (2000m)
Maximum Storage Altitude:	39370' (12000m)
Dimensions:	7 x 4.98 x 2" (179 x 126.5 x 53mm)
Weight:	10.95oz (310g)

Continued...

REED INSTRUMENTS

Data Logging Thermometer
Model R2450SD

CERTIFICATION TRACEABLE AVAILABLE!

WARRANTY 1 YEAR WARRANTY

TECHNICAL DATA

R2450SD-KIT

Data Logging Thermometer with Power Adapter and SD Card

Includes:
R2450SD Data Logging Thermometer, RSD-16GB 16GB Micro SD Memory Card with adapter and RSD-ADP-NA AC Power Adapter

R2450SD-KIT4

Data Logging Thermometer with 4 Type-K Thermocouple Probes and Carrying Case

Includes:
R2450SD Data Logging Thermometer,
R2920 Type K Surface Probe,
R2940 Type K Air/Gas Probe,
R2950 Type K Immersion Probe,
R2960 Type K Needle Tip Probe
and R8890 Hard Carrying Case

R2450SD-KIT2

Data Logging Thermometer with Tripod, SD Card and Power Adapter

Includes:
R2450SD Data Logging Thermometer, R1500 Tripod, RSD-16GB 16GB Micro SD Memory Card with adapter and RSD-ADP-NA AC Power Adapter

R2450SD-KIT5

Data Logging RTD Thermometer Kit

Includes:
R2450SD Data Logging Thermometer, 2 x R2450SD-RTD RTD Temperature Probes, RSD-16GB 16GB Micro SD Memory Card with adapter, RSD-ADP-NA AC Power Adapter

R2450SD-KIT3

Data Logging Thermometer with SD Card, Power Adapter and 4 Thermocouple Probes

Includes:
R2450SD Data Logging Thermometer, RSD-16GB 16GB Micro SD Memory Card with adapter, RSD-ADP-NA AC Power Adapter and 4 x TP-01 Type K Beaded Wire Probes

R2450SD-KIT6

Data Logging Thermometer with 2 Oven/Freezer Thermocouple Probes

Includes:
R2450SD Data Logging Thermometer and 2 x R2980 Type-K Air Oven/Freezer Thermocouple Probes

Continued...

Model	Description
R2450SD	Data Logging Thermometer
R2450SD-NIST	Data Logging Thermometer with NIST
R2450SD-RTD	PT100 Ohm RTD Temperature Probe
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
R2450SD-KIT	Data Logging Thermometer with Power Adapter and SD Card
R2450SD-KIT2	Data Logging Thermometer with Tripod, SD Card and Power Adapter
R2450SD-KIT3	Data Logging Thermometer with SD Card, Power Adapter and 4 Thermocouple Probes
R2450SD-KIT4	Data Logging Thermometer with 4 Type-K Thermocouple Probes and Carrying Case
R2450SD-KIT5	Data Logging RTD Thermometer Kit
R2450SD-KIT6	Data Logging Thermometer with 2 Oven/Freezer Thermocouple Probes