REED INSTRUMENTS

Data Logging Air Quality Meter
Model **R9910SD**

CERTIFICATION TRACEABLE AVAILABLE!

WARRANTY 1 YEAR WARRANTY

TECHNICAL DATA

Features

- Measures oxygen (O_2), carbon dioxide (CO_2), carbon monoxide (CO), temperature and humidity
- Records up to 3 readings simultaneously
- User adjustable audible alarms
- User selectable unit of measure (°F or °C)
- Data hold and Max/Min functions
- Real-time datalogger with integrated SD memory card
- User selectable sampling rate from 1 sec to 8 hrs
- Easy-to-read backlit LCD display
- Tripod mount for long-term monitoring
- Low battery indicator and auto shut off
- Includes humidity probe, carbon monoxide probe, carbon dioxide probe, oxygen probe, hard carrying case & batteries

Specifications

Temperature

Measuring Ranges:	32 to 122.0°F (0 to 50.0°C) Dew Point: -13.5 to 120.1°F (-25.3 to 48.9°C) Wet Bulb: -6.9 to 122.0°F (-21.6 to 50°C)
Accuracy:	±1.5°F (±0.8°C)
Resolution:	0.1°F/°C

Humidity

Measuring Range:	5 to 95%RH
Accuracy:	>70%RH: ±(3% rdg + 1%RH) <70%RH: ±3%RH
Resolution:	0.1%RH

CO_2

Measuring Range:	0 to 4,000 ppm
Accuracy:	<999 ppm: ±40 ppm >1,000 ppm ≤3000 ppm: ±5% rdg >3,000 ppm: ±250 ppm
Resolution:	1 ppm

CO

Measuring Range:	0 to 1,000 ppm
Accuracy:	±(5% + 2 ppm)
Resolution:	1 ppm

O_2

Measuring Range:	0 to 30% O_2
Accuracy:	±(1% + 0.2% O_2)
Resolution:	0.10%

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TECHNICAL DATA

General Specifications

Alarm Threshold:	<18% O_2
Response Time:	1 second
Display:	4-digit dual LCD
Backlit Display:	Yes
Data Hold:	Yes
Min:	Yes
Max:	Yes
Datalogging Capabilities:	Yes
Real-Time Clock and Date Stamp:	Yes
Selectable Sampling Rate:	Yes (1 second to 8 hours, 59 minutes and 59 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:	10 to 85%
Dimensions:	Instrument: 7.0 x 2.7 x 1.8" (177 x 68 x 45mm) Humidity Probe Length: 7.8" (197mm) CO Probe Length: 5.9" (150mm) CO_2 Probe Length: 7.5" (190mm) O_2 Probe Length: 5.9" (150mm)
Weight:	0.8lb (350g)

R9910SD-KIT

Data Logging Indoor Air Quality Meter with Power Adapter and SD Card

Includes:
R9910SD Data Logging Air Quality Meter, RSD-16GB 16GB Micro SD Memory Card with adapter and RSD-ADP-NA AC Power Adapter

Model	Description
R9910SD	Data Logging Air Quality Meter
R9910SD-TH	Replacement Temp/Humidity Probe
R9910SD-CO	Replacement CO Probe
R9910SD-CO2	Replacement Carbon Dioxide Probe
R9910SD-O2	Replacement Oxygen Probe
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
R9910SD-KIT	Data Logging Indoor Air Quality Meter with Power Adapter and SD Card
R9910SD-NIST	Data Logging Air Quality Meter with NIST