TECHNICAL DATA

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 122.1°F (-21.6 to 50°C)
Accuracy:	±1.5°F (±0.8°C)
Resolution:	0.1°F/°C

Humidity

Measuring Range:	5 - 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: ±5% Rdg
Resolution:	1 ppm

CO

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

O_2

Measuring Range:	0 - 30% O2
Accuracy:	±(1% + 0.2% O2)
Resolution:	0.10%

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 integral SD memory card
- User selectable sampling rate from 2 secs to 8 hrs
- Large, easy-to-read backlit LCD display
- Optional PC software features live tracking via USB connection
- 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

Continued…

TECHNICAL DATA

General Specifications

Alarm Threshold:	<18% O2
Response Time:	1 sec
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 (2secs to 8hrs)
External Memory:	Yes, expandable up to 16Gb with SD card (optional)
Auto Shut-off:	Yes (after 10 mins/off)
Kick Stand:	Yes
Tripod Mountable:	Yes
Low Battery Indicator:	Yes
Power Supply:	6 x AA batteries or AC Adapter (optional)
Output:	Yes
PC Connectivity:	USB Cable (optional)
Software:	SW-U801-WIN (optional)
Software OS Compatibility:	Windows XP / Vista / 7
Product Certifications:	CE
Operating Temperature:	0 to 122°F (0 to 50°C)
Storage Temperature:	14 to 140°F (-10 to 60°C)
Operating Humidity:	10-85%
Dimensions:	Instrument: 7.0 x 2.7 x 1.8" (177 x 68 x 45 mm) Humidity Probe Length: 7.8" (197 mm) CO Probe Length: 5.9" (150 mm) CO_2 Probe Length: 7.5" (190 mm) O_2 Probe Length: 5.9" (150mm)
Weight:	0.8lb (350g)

Model	Description
SD-9901	IAQ Meter/Datalogger
SD-4GB	4GB SD Memory Card
AP-9VA-110V	AC adapter
USB-01	USB Cable
SW-U801-WIN	Data Acquisition Software
R1500	Tripod
CA-05A	Soft Carrying Case
R8888	Deluxe Hard Carrying Case
SD-9901-NIST	IAQ Meter/Datalogger & NIST