



ENGL

Datasheet

Stock No. 106-5304

RS DESKTOP INDOOR AIR QUALITY METER



Feature:

- Non-Dispersive Infrared (NDIR) CO2 sensor ensures long term stability and durability.
- 4 Measurements in one monitor, CO2, CO2 Ventilation Rate, Temperature and Humidity.
- Large display.
- Easy-to-use PC software for parameter settings and analysis.
- Fast USB download.
- Internal memory stores up to 17,000 data.
- Selectable record time Interval.
- CO2/Temperature/Humidity high, low alarm setting.
- Set on the table or wall-mounted (with 1/4" tripod nut).
- Maximum/Minimum values.

Specifications:

- Display: Triple LCD display
- Sensor: NDIR, Thermistor and Capacitive
- Power Supply: AC100 ~240V, 12V/1A switching power adaptor, plug dimension 5.5*2.1*1.0mm.
- Dimension: 89mm x62mm x128mm. (LxWXH).
- Weight: Approx. 190g
- Accessories: Manual, power adaptor and 5-pin USB cable.
- Measuring range and accuracy:

Carbon dioxide:

Sensor Type:	Non-Dispersive InfraRed (NDIR)
Measurement Range:	0 to 9999ppm
Accuracy:	±5% read value or ±75ppm(0-2000ppm)
Resolution;	±1ppm
Response Time:	Reaches 90% in approximately 2 minutes

Temperature:

Sensor Type:	Thermistor
Measurement Range:	0°C~50°C / 32°F~122°F
Accuracy:	±1.0°C/±1.8°F
Resolution:	0.1°C/0.1°F
Response Time:	Approximately 1 second

Relative Humidity:

Sensor Type:	Capacitive
Measurement Range:	5-95%
Accuracy;	±3.0%RH (20~80%); ±5.0%RH(<20%,>80%)
Resolution:	0.1%
Response Time:	Approximately 4 seconds