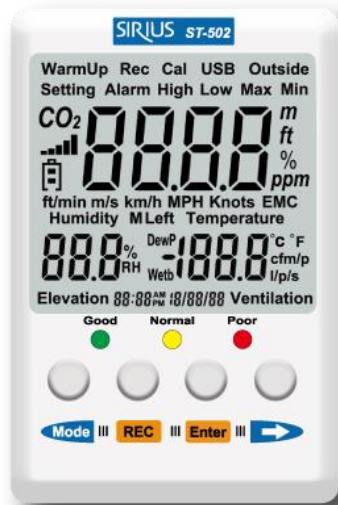


ST-502

Desktop Indoor Air Quality (IAQ) Monitor



- Non-Dispersive Infrared (NDIR) CO2 sensor ensures long term stability and durability.
- 4 Measurements-CO2/CO2 Ventilation Rate/Temperature/Humidity.
- Large display.
- Easy -to-use PC software for parameter settings and analysis.
- Fast USB download
- CO2/Temperature/Humidity high,low alarm setting.
- Set on the table or wall-mounted (use 1/4"tripod nut).

- Power adaptor AC 100V~240V to DC 12V/1.0A.
- Internal backup battery to maintain date/time setting.
- Datalogging capacity 17000 records.
- Operation condition :0-50 °C (32-122 °F),5-95%RH(non-condensing).
- Storage temperature & Humidity:-10~60 °C (14~140 °F) ≤70%RH.

CO2:

Type:	Non-dispersive infra-red(NDIR)
Measurement Range:	0 to 9999ppm
Accuracy:	±5% of reading or ±75ppm.(0-2000ppm, others out of scale range)
Resolution:	±1ppm
Response Time:	Typical 2 minutes by 90%

Temperature:

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:	Typical 1 second

Relative Humidity:

Type:	Capacitive
Measurement Range:	5-95%
Accuracy:	$\pm 3.0\%RH(20\sim 80\%); \pm 5.0\%RH(80\%)$
Resolution:	0.1%
Response Time:	Typical 4 seconds