

TM ST501 Indoor air quality monitor

Nr kat. 111163

**Product Description:**

- 3 Independent CO<sub>2</sub>, humidity and temperature sensors
- User operated CO<sub>2</sub> calibration
- USB datalogg: 50,000 records
- Internal backup battery to maintain date/time setting
- Power management IC to increase batter efficiency
- Easy- to-Use PC software for parameter settings and data analysis
- Internal CO<sub>2</sub> alarm buzzer

**CO<sub>2</sub> Sensor**

Type	Non-dispersive infra-red (NDIR)
Measurement Range	0~9999 ppm (2001~9999 ppm over accuracy)
Accuracy	±60ppm, ±5% of reading (0~2000 ppm)
Resolution	±1 ppm
Response Time	2 seconds

**Relative Humidity Sensor**

Type	CMOSens
Measurement Range	1% ~99%
Accuracy	±3.0%RH(20~80%) ±5.0%RH(<20% >80%)
Resolution	0.1%
Response Time	8 Seconds

**Temperature Sensor:**

Type	Thermistor
Measurement Range	0° to 50°C
Accuracy	±0.5°C from 0-50°C
Resolution	0.1°C
Response Time	1 seconds

**Power Supply:**

Battery	Four AA alkaline batteries x4
Battery Operation	about 24 hours
External Power Supply	6V VDC with 0.5A

