

4 in 1 Monitor



Model: TC-520 with ABS + Silica Gel material casing (Heavy Duty)

Principle:

Detect CO₂ gas by infrared light (NIDR) source absorption principle. PM_{2.5} uses the principle of laser scattering to detect the quantity concentration, temperature, humidity and AQI level of 0.3um, 0.5um, 1.0um, 2.5um, 5.0um, 10um particle size dust.

Function Configuration:

CO₂ gas/ PM_{2.5} / PM₁₀ / Temperature / Humidity / Real-time Date and Time

Hardware Configuration:

3.2 inch TFT full-color display

Rear suspension hole and automatic adjustment support frame

Rechargeable lithium battery or separate external USB power supply

Software configuration:

Alarm setting

Local trend graph

Sensor service life 10 years

Data recording 999 groups

Computer APP data trend graph

Data recording interval time measurement



Product Description

Co2 concentration measurement range	0-10000 ppm
Co2 concentration resolution	1 ppm
Accuracy	±3% of reading of 70PPM
PM2.5 measurement range	0-1000 ug/m3
Accuracy	±10%@100-500 µg/m3 ±10 micrograms/cubic meter@0-100 micrograms/cubic meter
PM2.5 resolution	1ug/m3
PM2.5 six channels	0.3/0.5/1.0/2.5/5.0/10um
Range of working temperature	-10~+60 °C/°F
Working humidity range	0~99% °C/°F
Storage temperature range	-40~+80 °C/°F
Temperature measurement range	-20~60 °C/°F
Temperature measurement accuracy	±2 °C/°F
Temperature resolution	0.01
Humidity measurement range	0~100%RH
Temperature accuracy	±3%RH
Humidity resolution	0.01%RH
Power supply battery	Built-in removable 3.7V/18650 cylindrical battery or external 5V USB power supply
Working current	180mA
Battery Life	2000mAh can work continuously> 6 hours

