




Models	A37 CO2 meter	A25M PM2.5 meter	A25D PM2.5 meter
Page	131	130	130
			
Measure range accuracy	CO2 ppm 400ppm~5000ppm ±(5% + 50ppm) from 400ppm~2000ppm	PM2.5 ug/m <sup>3</sup> 0~100 ±(10%+10dgts) 101~400 ±(10%+30dgts) 401~500 ±(10%+50dgts)	PM2.5 ug/m <sup>3</sup> 0~100 ±(10%+10dgts) 101~400 ±(10%+30dgts) 401~500± (10%+50dgts)
Temperature range accuracy	-10.0°C~50.0°C Typical accuracy: ±1°C	For reference only	0~2mg/m <sup>3</sup> ±1°C /±1.8°F
Humidity range accuracy	0%RH~99%RH ±5%RH (10%RH~90%RH) at 25°C		5%~99%RH ±5%RH@30%~80%RH ±8%RH@<30%RH, >80%RH
Auto power off	●	●	●
Low battery indication	●	●	●
LCD backlight	●	●	●
Concentration emoticon		●	●
Response time	●		
Sensor type	NDIR (no-dispersive infrared) CO2 sensor	Precise PM2.5 concentration based on pre-calibrated sensors	Precise PM2.5 concentration based on pre-calibrated sensors
Max hold	●		
Warning indication	Audible and visual alarm	Red backlight alarm	Red backlight alarm
Temperature display	●	●	●
Date/time	●		
Automatic baseline correction	●		
Power	3.7V DC Li-ion battery /Micro USB charging port	520mAh rechargeable polymer battery	1500mAh rechargeable polymer battery
Certificates	CE/UKCA	CE/UKCA	CE/UKCA

A37 is used to detect CO<sub>2</sub> concentration in different environments. The LCD displays CO<sub>2</sub> concentration, temperature, humidity, and date/time together. Air quality is indicated with emoticons. When CO<sub>2</sub> concentration gets too high, audio and visual alarm will go off.



A37

Specifications	Range	Resolution	Accuracy
<b>Certificates</b>	<b>CE, UKCA</b>		
Carbon dioxide	400ppm~5000ppm	1ppm	±(5% + 50ppm)
Temperature	-10°C~50°C	0.1°C	±1°C
Relative humidity	0%RH~99%RH	1%RH	±5%RH (10%RH~90%RH) at 25°C
ABC	Automatic baseline correction		
Sensor type	NDIR		
Operating temperature	0°C~50°C, 0%RH~85%RH		
Storage temperature	-20°C~60°C, 0%RH~95%RH		

Features	
Audible and visual alarm	Low battery indication
3.7V Li-ion battery	Auto power off
Date/time	Backlight

Characteristics	
Standard accessories	Micro USB cable, English manual
Power	3.7V DC Li-ion battery/ Micro USB charging port
Display	42 x 65mm
Product size	75 x 55 x 130mm
Product net weight	195g
Standard individual packing	Gift box
Standard quantity per carton	5pcs
Standard carton measurement	360 x 185 x 140mm
Standard carton gross weight	2.35kg