BENETECH®

Specification

Detected gas	Particle concentration in the air (PM2.5, PM10)		
Particle concentration measurement range	(0~5000) ug/m³	Minimum reading of particle concentration	1 ug/m³
Effective range of formaldehyde concentration	(0~1) mg/m³	Minimum reading of formaldehyde concentration	0.01 mg/m³
Particle concentration resolution	1 ug/m³	Minimum resolution particle size	0.3um
Formaldehyde concentration resolution	0.01 mg/m³	Maximum error of formaldehyde concentration	<±5%FS
Response time	≦10S		
Measurement principle	Particulate concentration: Laser diffusion principle HCHO concentration: Electrochemical principle		
Working environment	0~50°C,32~122°F;10~90%RH		
Storage environment	-10~80°C,-14~176°F;10~75%RH		
Power supply	3 * 1.2V AA rechargeable NiMH or 5V 1A power adapter		
Dimension	91.5*64.8*135mm		
Weight	152g(excluding of batteries)		

Features

1. Dynamic and real-time detection of PM2.5 and PM10 concentration in the air.
2. Environmental temperature and humidity measurement and temperature unit conversion.
3. Switching between three different display modes.
4. Display of the maximum and minimum values.
5. Data hold function.
6. Sound and light alarm settings.
7. LCD backlight display of air quality level.

Safety Warnings

► 0 ug /m3 ~ 75 ug/m3: Air quality level is GOOD (green, good).
► 75ug/m3 ~ 150ug/m3: Air quality level is FAIL (yellow, slightly polluted, unhealthy).
► ≥150 ug/m3: Air quality level is BAD (red, heavily polluted, very unhealthy).