

Function	GM8803	GM8804
PM2.5 and PM10 concentration detection	√	√
Formaldehyde concentration detection	×	√
Environmental temperature and humidity measurement and temperature unit conversion.	√	√
Switching between three different display modes	√	√
Display of the maximum and minimum values	√	√
Data hold function	√	√
Sound and light alarm settings	√	√
LCD backlight display of air quality level	√	√

Specification	GM8803	GM8804
Detected gas		
Particle concentration measurement range	(0~5000)ug/m <sup>3</sup>	
Minimum reading of particle concentration	1ug/m <sup>3</sup>	
Particle concentration resolution	1ug/m <sup>3</sup>	
Minimum resolution particle size	0.3um	
Effective range of formaldehyde concentration	×	(0~1)mg/m <sup>3</sup>
Minimum reading of formaldehyde concentration	×	0.01mg/m <sup>3</sup>
Formaldehyde concentration resolution	×	0.01mg/m <sup>3</sup>
Maximum error of formaldehyde concentration	×	<±5%FS
Response time	≤10S	
Measurement principle	Laser diffusion principle	Laser diffusion principle(Particulate) Electrochemical principle(HCHO)
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)	

Fail



Bad



Charger

(GM8803)



Charger

(GM8804)