

As a brand new indoor formaldehyde concentration monitoring instrument, the latest imported electrochemical sensor and high-precision operational amplifying chip are adopted for the formaldehyde tester, which can continuously and directly convert the formaldehyde concentration signal in the air to electric signal in real time and display and reflect the measuring result in LCD digits after microcomputer data processing. It has broken the bottlenecks of the traditional formaldehyde tester that must be operated by the professional and is expensive in detection cost, and it can automatically provide 24-hour continuous real-time monitoring of indoor formaldehyde concentration. The formaldehyde tester can detect indoor formaldehyde gas rapidly, display date, detection time, temperature and humidity data at the detection site. It is featured by simple structure, small volume, ease of carrying and using and visual display. It can widely apply to site quantitative and qualitative detection of formaldehyde in living room, indoor and residential area, public place, living place and factory and workshop. The indoor portable formaldehyde tester is designed and made according to principles in the national standard GB/T18204.26-2000 Methods for Determination of Formaldehyde in Air of Public Places.

Function

- ▶ Charging function
- ▶ Date and time setting
- ▶ LCD backlight display
- ▶ Temperature unit switch
- ▶ Sound-light alarm setting
- ▶ Low battery indication function
- ▶ Date display format: YMD or MDY switch
- ▶ Supporting formaldehyde gas detection
- ▶ Maximum, minimum values and data hold

Specification

Formaldehyde (HCHO) in the Air			
Detected gas	Formaldehyde (HCHO) in the Air		
Measuring range	0-3mg/m ³	Minimum reading	0.01mg/m ³
Resolution ratio	0.01mg/m ³	Basic error	±0.03±5%
Response time	<30s		
Sensor type	Electrochemical HCHO sensor		
Working environment	0-50°C, 32-122°F; 10-90%RH		
Storage environment	-10-80°C, -14-176°F; 10-75%RH		
Dimension	91.5x64.8x135mm		
Weight	152g		
Power supply	3x1.2V NI-MH battery (weight 36.5g) or 4.2V power adapter		

Application



Factory



Home



School



Shopping center



Charger



The carbon dioxide tester applies to the continuous online detection and site sound-light alarm of carbon dioxide concentration in various industrial environments and special environment, which functions as early warning for operations safety on the dangerous site. Using the imported electrochemical sensor and microcontroller technologies, the instrument is featured by stable signal, high precision and good repeatability and other merits, and its explosion-proof connection mode applies to various dangerous sites. It can provide 24-hour continuous real-time monitoring of indoor carbon dioxide concentration, display date, detection time, temperature and humidity data on the detection site automatically. The instrument is compatible with various control alarms, PLC, DCS and other control systems, which can realize site alarm, remote monitoring and alarm function at the same time.

Function

- ▶ Display of wrong code
- ▶ Date and time setting
- ▶ LCD backlight display
- ▶ Temperature unit switch
- ▶ Sound-light alarm setting
- ▶ Supporting carbon dioxide gas detection
- ▶ Battery state and indicator of charge/discharge
- ▶ Maximum value, minimum value and data hold
- ▶ Environmental temperature and humidity measurement

Specification

Detected gas	Carbon dioxide (CO ₂) in the Air		
Measuring range	0~9999ppm	Minimum reading	1ppm
Resolution ratio	1ppm	Accuracy	±(40ppm+3%)
Response time	<120s		
Sensor type	NDIR CO ₂ gas sensor		
Working environment	0~50°C, 32~122°F; 10~85%RH		
Storage environment	0~50°C, 32~122°F; 10~85%RH		
Power supply	5V power adapter (no battery equipped)		
Dimension	91.5*64.8*135mm		
Weight	156.5g		



Charger



Application



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