

XR6877B**Formaldehyde TVOC and Dust Environmental Quality Recorder****User Manual**

File Version: V24.8.14



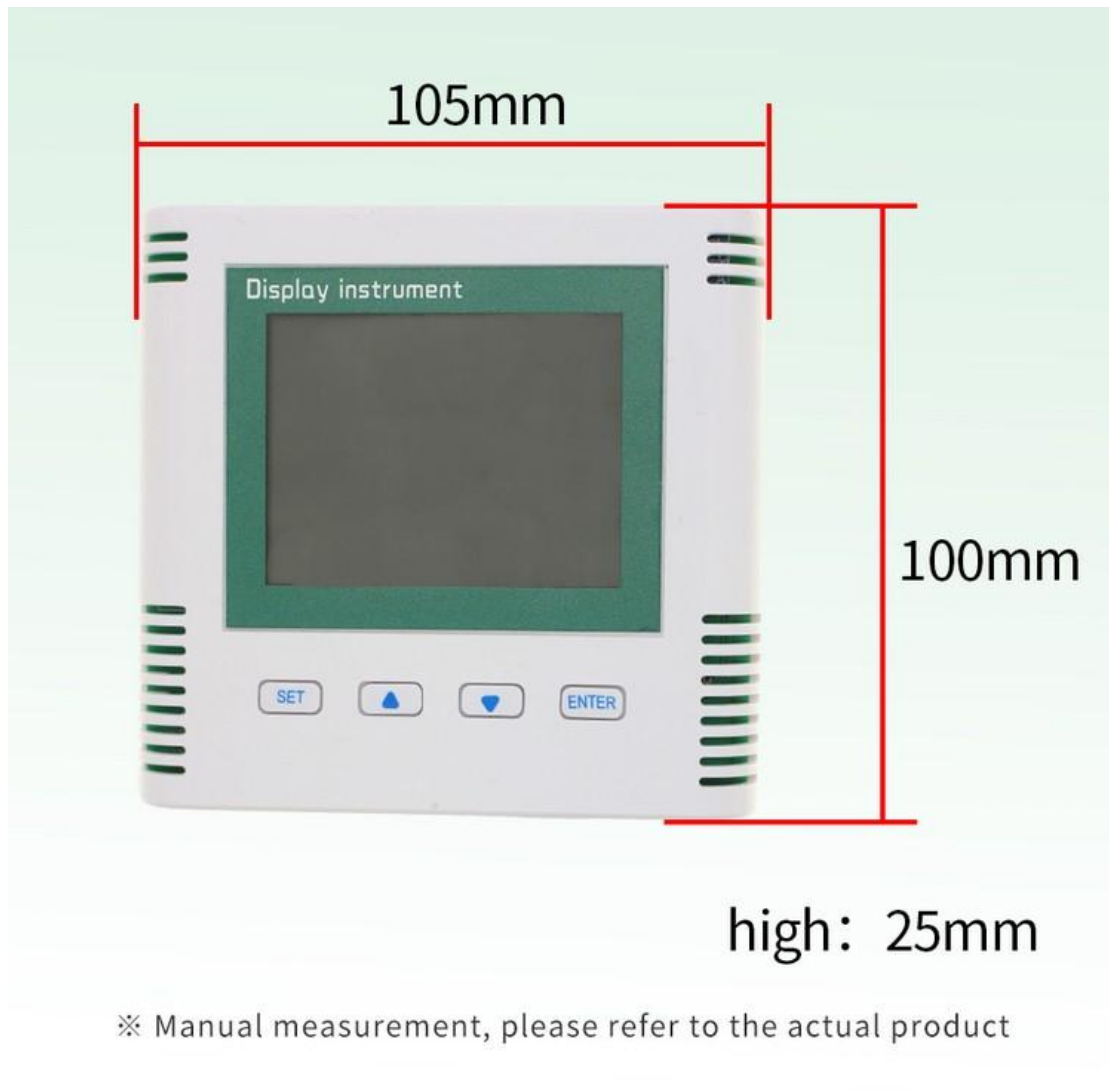
XR6877B using the standard USB, easy access to PLC, DCS and other instruments or systems for monitoring formaldehyde, TVOC, PM2.5, PM10 state quantities. The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability, can be customized

RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

Technical Parameters

Technical parameter	Parameter value
Brand	XUNCHIP
CH2O range	0~5ppm
CH2O accuracy	±0.1ppm
CH2O response time	< 60 seconds
CH2O recovery time	< 60 seconds
Measuring range	0~20.0mg/m3
Allow deviation	± 7%
Repeatability test	± 5%
Resolution	0.01mg/m3
Detect gases	cooking fumes/hydrogen/cigarettes/alcohol
PM2.5 range	0~999ug/m3
PM2.5 accuracy	± 15% or ± 10ug/m3 max @25℃
PM10 range	0~999ug/m3
PM10 accuracy	± 15% or ± 35ug/m3 max @25℃
Communication Interface	USB
Default baud rate	9600 8 n 1
Power	DC5V 1A
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

Product Size



In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.

How to use?

Recorders are mainly used in automobiles, offices, factories, hotels, and homes, hospitals, schools and other occasions



Plant



home



school



Hotel

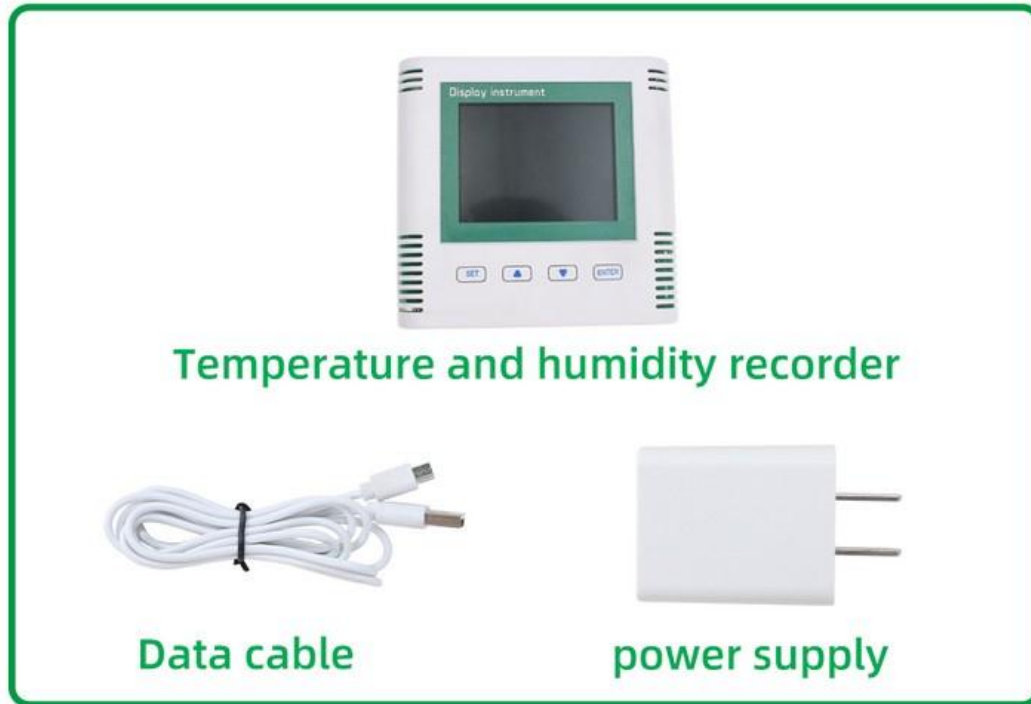


Car



office

Product List



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