Small x Light NEW

Indoor Air Quality Monitor

IAQ-M23+ Detect Non-Stop in 24 hours.

Compact size with brilliant appearance are advantage to applied in indoor area. IAQ-M23 + comply with indoor air quality standards,in addition to the general temperature and humidity, carbon dioxide, and more new PM2.5 detection,air quality status indicators and the APP logging.

. **All in one**

Simultaneous measuring CO2, relative humidity, temperature, Date, Time, and PM2.5

. **Free APP(for Android)**

Via Android app using Bluetooth-equipped device to START / END / Download the data logging.

. **Huge range of applications**

Small Size,ideal for mounting in anywhere, including the tight spaces.
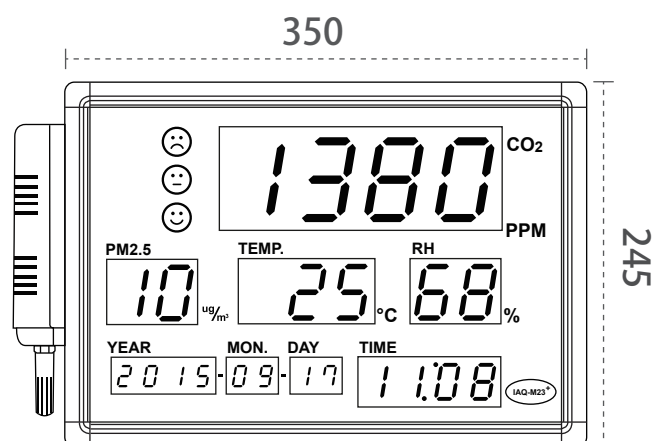
. **Shut down Memory**

The history record won't be deleted while the electricity blackouts. After the power comes back on, the record will be connected automatically.

Applications

. Indoor air quality measurement in offices, schools, hotels and residential areas
. HVAC applications for building management
. Home air quality control

Comfort reference value

PM2·5	< 35 μg/m3	CO2	< 1000 ppm
Temp	15~28 ℃	RH	50~65 %RH

Dimensions

Units：mm

350

245

Ordering Guide

IAQ-M23+ − ☐ −R

Output		None
	L	Recorder (Via Bluetooth connection with APP)
	M	RS485 ModBus RTU (Optional monitoring / recording software)

※ Product specifications are subject to change without notice.

Specification			
Range	CO2	0~3000ppm	
	Temperature	-10~50°C	
	Humidity	0~99%RH	
	PM2.5	0~99μg/m3	
Accuracy	CO2	±(75ppm ±5% of measured value)	
	Temperature	±0.3°C(20~40°C)‧±1°C (other range)	
	Humidity	±3%RH (20~80%RH)‧±5%RH (other range)	
	PM2.5	10% relative error	
LED Size	CO2	2.3 inch	
	Temperature	1.5 inch	
	Humidity	1.5 inch	
	PM2.5	1.5 inch	
	Time	1 inch	
	Date	0.6 inch	
Display	CO2	4 digitals (9999)	Standard-Green LED Alarm-Red/Green flashing
	Temperature	3 digitals (99.9)	
	Humidity	2 digitals (99)	
	PM2.5	2 digitals (99)	
	Time/Date	yyyy/mm/dd, hh:mm	Red LED
	Ambient LED indicator	☺Good / ☻Normal / ☹Bad	
	Units	White LED	
Output	Digital Singal(option)	RS485 ModBus RTU	
	Alarm	1×Relay contact(5A 30V DC/250V AC)	
Data log	Recording notes	max. 32,000	Via Bluetooth connection with APP (APP for Android and the device has Bluetooth BLE)
	Recording interval	5 minutes(min.)、1 hour(max.)	
	Recording days	Up to 111 days	
Wireless	Transmission Frequency	2.4 GHz IEEE 802.11	
	Transmission Power	6 dbm	
	Reception sensitivity	-80 dbm	
	Antenna	Built-in 2.4GHz antenna	
Working range	Temperature	-10~50°C	
	Humidity	0~99%RH	
Power Supply		AC 110~240V, 50/60Hz	
Dimensions		350×245×50mm	
Installation		Wall-mounted	

ABOUT APP

Easy-to-use

App. Interface designed with lucid instruction.
The heighten people's understanding.

Turn on Bluetooth connection easily

The homepage will display a list of "Bluetooth Pairing devices",
and connect devices in a simple & fast way.

General file Formats

Available to download
and save as EXCEL(.cvs) file formats.

Professional Data Analysis

Line charts can show continuous data over time,
it might help to compare your data.

Multi-way to Share the Data

Supports both 『Backup to the Cloud』
and 『Forward via MailBox』 function.

www.toho-inc.cn