



# MONITOR DE CO2 PROFESIONAL CON VISUALIZACION DE TEMPERATURA Y HUMEDAD



## Brief introduction:

It's an air quality monitor that

1. shows real-time readings of CO2, temperature and humidity
2. shows MIN & MAX readings of above parameters
3. shows a chart with blocks representing values of different parameters in different time scales-minute, hour, day, week.

## Features:

- Super large LCD to monitor CO2 concentration (5000ppm range), temperature, humidity, time&date simultaneously
- Built-in data logger enables data review of CO2 concentration, temperature and humidity during week, day, hour, minute intervals
- Three-level indoor quality indicating system Good, Normal, Poor
- High-end touch buttons
- Maintenance free NDIR sensor for CO2 monitoring
- Audible and visual alarms with adjustable alarm set point
- Plant/Human mode; Alarm/Mute mode
- OEM and ODM are welcomed

## Application:

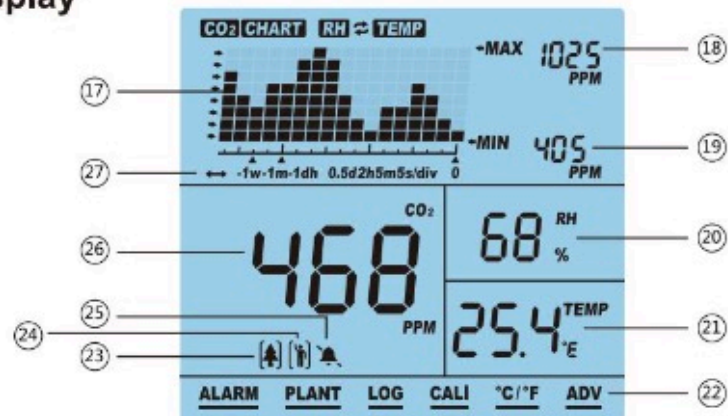
Home, office meeting room, school classroom, auditorium, hospital, hotel, library, gym, brewery, laboratory, shopping center, cafe, workshop, warehouse, greenhouse, etc



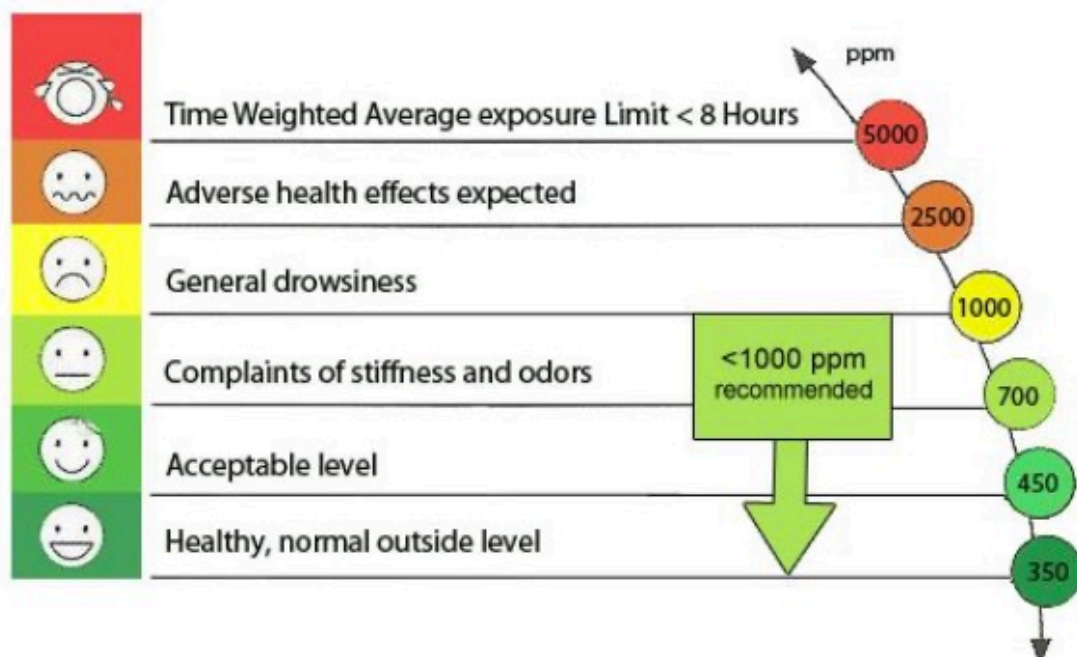
Measurement	Specifications
Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Operating & Storage RH	0-95%, non-condensing
<b>CO2 Measurement</b>	
Measurement Range	0-5000ppm
Display Resolution	1ppm (0-1000); 5ppm (1000-2000); 10ppm (>2000)
Accuracy at 0~3000ppm	±50pp ±5% of reading
Accuracy over 3000ppm	±7% of the reading
Repeatability	20ppm at 400ppm (standard dev. of 10 readings in 1 minute)
Temp Dependence	±0.2% of reading per °C or ±2ppm per °C, whichever is greater, referenced to 25°C
Response Time	< 2min for 63% of step change or < 4.6min for 90% step change
Warm-up Time	< 20 sec
<b>Temp Measurement</b>	
Operating Temperature	32°F to 122°F (0°C to 50°C)
Display Resolution	0.1°F (0.1°C)
Response Time	< 20min(63%)
<b>RH Measurement</b>	
Range	5-95%
Accuracy	±5%
Resolution	1% on Main Reading, 0.1% on Max Min Reading

Power Requirements	160mA Peak, 40mA average at 5.0V
Dimension	120*90*35mm
Weight	170g (Device only, AC Adapter not included)

## LCD Display



Item	Name	Item	Name
(17)	CO2/RH/TEMP Chart	(23)	Plant Mode
(18)	Max Reading of Chart	(24)	Human Mode
(19)	Min Reading of Chart	(25)	Audible Alarm On/Off
(20)	RH Reading	(26)	CO2 Reading
(21)	Temperature Reading °C / °F	(27)	Time per Division- indicates the chart's span of time
(22)	Main Menu		





## Appendix

No.	Refers	Low/High Alarm	Adjustable
0,	FOR Human	800-1200ppm	Yes
1,	FOR Customized Plant	600-900ppm	Yes
2,	FOR Bean	600-900ppm	No
3,	FOR Chillies	800-1000ppm	No
4,	FOR Cucumber	1000-1500ppm	No
5,	FOR Grape	800-1400ppm	No
6,	FOR Orchid	800-1400ppm	No
7,	FOR Potato	1200-1800ppm	No
8,	FOR Strawberry	800-1200ppm	No
9,	FOR Tomato	800-1200ppm	No

### Standard Accessories:

1xUser's Manual

1xUSB cable

1xPacking box



### Packing details:

Individual neutral box: 123x108x64mm, 250g; 40pcs per carton: 13.5kg, 53\*37\*26cm



**SA1300 version**



**Battery version**



**Black version**



**Control version**

## Consideraciones Generales:

- 1.- Equipo Homologado en la union Europea con marcado CE, declaración de conformidad y test report.
- 2.- Disponibles para servir en un plazo de 20 dias luego de la confirmación del pedido y la aceptación de la proforma invoice y sus consideraciones comerciales.



