

Indoor Air Quality Meter



Desktop Carbon Dioxide Monitor 7788/7787

- ▲ Digital desktop CO2 measuring gives you a green day!
- ▲ 15 degree tilt angle for easy to see and read
- ▲ Display real time clock and date
- ▲ Warning carbon dioxide level from 1000-5000ppm
- ▲ Super large LCD display CO2 value (with good, normal, poor air quality indicator), year-month-date, hour-minute, air temp. & relative humidity
- ▲ Max. /Min. recall function
- ▲ Temperature unit is switchable
- ▲ Real time clock is adjustable
- ▲ NDIR (non-dispersive infrared) waveguide technology
- ▲ CO2 automatic background calibration, ABC
- ▲ Long time drift compensation
- ▲ Visible bright LED indicates power is on
- ▲ Audible alarm warns CO2 air quality is poor
- ▲ Monitoring residential, commercial and home air quality
- ▲ CO2 alarm output drives relay to control ventilation system, such as fan or air conditioner (7788 only)

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Measuring range

CO2	0~9999 ppm, (2001~9999 ppm out of scale range)	
Temperature	-10~60°C (14~140°F)	
Relative Humidity	0.1%~99.9%RH	
Resolution	1ppm, 0.1°C/°F, 0.1%RH	

Accuracy

CO2	±50ppm±5% of reading(0~2000ppm) Other ranges accuracy are not specified	
Temperature	±0.6°C/±0.9°F	
Relative Humidity	±3%RH (at 25°C, 10~90%RH)	±5%RH (at 25°C, 15~90%RH)
	±5%RH (at 25°C, others)	±7%RH (at 25°C, others)

Warm-up time 30 seconds

Response time

CO2	<2 minutes (90% step change)
Tair	<2 mins (90% step change)
RH	<10 minutes (90% step change)

RELAY (1A 30VDC/0.5A 125VAC) YES NO

LCD size (mm, HxW) 60x82

Operating condition 0~50°C, 5~80% RH (avoid condensation)

Storage condition -20~ 50°C, 5~90%RH(avoid condensation)

Power supply 5VDC adaptor (±10%), ≥500mA

Meter size 120 x 80 mm (Diameter x Depth)

Weight 200g

Standard package Meter, manual, 5V universal adaptor, plain box

Optional



STEREO TYPE RELAY OUTPUT
P/N: VW38819A
A CONNECTION WIRE TO USE WITH # 7788 RELAY OUTPUT