

# IAQ meter

## Desktop Carbon Dioxide monitor 7788/7787



7788



7787

- ▲ DIGITAL DESKTOP TYPE GIVES YOU A GREEN DAY!
- ▲ 15 DEGREE TILT ANGLE FOR EASY TO SEE AND READ
- ▲ REAL TIME CLOCK AND CALENDAR ARE DISPLAYED
- ▲ 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 TECH.
- ▲ W/ ABC (AUTOMATIC BACKGROUND CALIBRATION)
- ▲ LONG TIME DRIFT COMPENSATION
- ▲ BRIGHT LED VISIBLE INDICATES POWER IS ON
- ▲ AUDIBLE ALARM WARNS CO2 AIR QUALITY IS POOR
- ▲ MONITORING RESIDENTIAL , COMMERCIAL AND HOME AIR QUALITY
- ▲ CO2 ALARM OUTPUT DESIGN DRIVES RELAY TO CONTROL VENTILATION SYSTEM, SUCH AS FAN OR AIR CONDITIONER (7788 ONLY)

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<b>Measuring range</b>		
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	
<b>Accuracy</b>		
CO2	±50ppm±5% of reading( 0~2000ppm) Others range 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, 10~90%RH)
	±5%RH (at 25°C , others )	±7%RH ( at 25°C , others )
<b>Warm-up time</b>	30 seconds	
<b>Response time</b>		
CO2	<2 minutes ( 90% step change)	
Tair	<2 mins (90% step change)	
RH	<10 minutes ( 90% step change)	
<b>RELAY (1A 30VDC/0.5A 125VAC)</b>	YES	NO
<b>LCD size (mm, HxW)</b>	60x82	
<b>Operating condition</b>	0~50°C , 5~80% RH (avoid condensation)	
<b>Storage condition</b>	-20~ 50°C, 5~90%RH(avoid condensation)	
<b>Power supply</b>	5VDC adaptor (±10%), >=500mA	
<b>Meter size</b>	120 x 80 mm (Diameter x Depth)	
<b>Weight</b>	200g	
<b>Standard package</b>	Meter, manual ,adaptor 100-240VAC , plain box	