

# Combo Indoor Air Quality Meter

NEW



77597

## Combo CO2 & CO & Temp. & RH% 77596/77597

- ▲ Low cost portable meter checking indoor air quality
- ▲ Big LCD w/backlight to display 6 parameters: CO2 ,CO, temperature, humidity, dew point, wet bulb temperature
- ▲ Designed with NDIR (non-dispersive infrared) waveguide technology CO2 sensor
- ▲ Designed with electrochemical CO sensor
- ▲ Manual calibration is available for CO2/CO/RH%
- ▲ Warning carbon monoxide level programmable
- ▲ 32000 or 24000 logging memory for #77597 and #77596
- ▲ Manual pressure compensation for CO2 sensor
- ▲ Audible alarm (~80db) threshold setting
- ▲ Max ,min, average functions included
- ▲ Mini USB output to PC for data analysis
- ▲ Hold function freezes current readings
- ▲ 99 points memory review
- ▲ Housing design surrounds with rails to help air ventilation for quick and accurate response

NEW



77596



Included!

Optional



**CAL. SALT BOTTLE**  
P/N:VZ0033AZ1(33%)  
P/N:VZ0075AZ1(75%)  
FOR 77597  
CALIBRATION USE

77597

77596

	77597	77596
<b>Measuring range</b>		
CO2	0~9999 ppm, (5001~9999 ppm out of scale range)	0~9999 ppm, (5001~9999 ppm out of scale range)
CO	0~1000 ppm,	0~1000 ppm,
Temperature	-20~60°C (-5~140°F)	
Relative Humidity	0.1%~99.9%RH	N/A
DP(Dew point temp.)	-20.0~59.9°C	N/A
WB(Wet bulb temp.)	-5.0~59.9°C	N/A
Resolution	1ppm , 0.1°C/°F, 0.1%RH	
<b>Accuracy</b>		
CO2	±30ppm±5% of reading( 0~5000ppm) Other ranges are not specified	
CO	+/-10 ppm for less than 100 ppm +/-10% or reading for 101~500 ppm +/-20% of reading for 501ppm and above	
Temperature	±0.6°C/±0.9°F	
Relative Humidity	±3%RH (at 25°C, 10~90%RH) ; ±5%RH ( at 25°C , other range )	
CO2 Warm-up time	30 seconds	
<b>Response time</b>		
CO2	<30 seconds(90% step change)	
CO	<60 seconds(90% step change)	
Tair	<2 mins (90% step change)	
RH	<10 minutes ( 90% step change)	
LCD / Meter size (mm)	26(H)x44(L), 205(L)x70(W)x56(H)	
Operating condition (avoid condensation)	-20 to 50 °C (CO2 sensor), 0 to 50 °C (CO sensor) -20 to 60 °C (for the rest parameters)	
Storage condition	-20~ 60°C, 10~90%RH(avoid condensation)	
Power supply	AA x 4pcs or 9V adaptor	
Battery life	> 24 hours (Alkaline battery)	
Weight	200g	
Standard package	Meter, manual ,AA bat. , USB cable & CD, carry case	