



AZ77597 Portable Combo CO2 / CO / Temperature / Humidity Logger Monitor



SKU: AZ77597BK
Manufacture warranty period: 12 months
Country of Origin: Taiwan

The 77597 AZ portable CO2/CO meter is a multi-gas detector, which could measure the indoor air quality index, including the CO2, CO concentration, dew point, wet bulb value and air temperature.

The 77597 AZ device could be used as the CO2 data logger for the air quality index in all workspace, office, hospital, school, station or home.

Features:

- Low cost portable meter checking indoor air quality
- Big LCD w/backlight to display 6 parameters: CO2, CO, temperature, humidity, dew point, wet bulb
- Designed with NDIR (non-dispersive infrared) waveguide technology CO2 sensor
- Designed with fast response electrochemical CO sensor
- Programme warning CO level
- Long-time drift compensation on CO2 sensor
- Manual calibration is available for CO2/CO/RH%
- 99 points manual & up to 32000 points auto logging memory
- Audible alarm (~80db) threshold setting
- Max, min, TWA, STEL, average, hold functions included
- Mini USB output to PC for data analysis





Specifications:

- Carbon Dioxide (CO₂)
 - Range: 0~9999ppm (5001~9999ppm out of scale range)
 - Resolution: 1ppm
 - Accuracy: $\pm 30\text{ppm} \pm 5\%$ of reading (0~5000ppm), other range are not specified
 - Response time: <30 sec (90% step change)
- Carbon Monoxide (CO)
 - Range: 0~1000ppm
 - Resolution: 1ppm
 - Accuracy:
 - $\pm 10\text{ppm}$ for less than 100ppm
 - $\pm 10\%$ or reading for 101~500ppm
 - $\pm 20\%$ of reading for 501ppm and above
 - Response time: <60 sec (90% step change)
- Air Temperature
 - Range: -20~60°C (-5~140°F)
 - Resolution: 0.1°C/°F
 - Accuracy: $\pm 0.6^\circ\text{C} / \pm 0.9^\circ\text{F}$
 - Response time: < 2 mins (90% step change)
- Relative Humidity
 - Range: 0.1~99.99%RH
 - Resolution: 0.1%RH
 - Accuracy:
 - $\pm 3\%RH$ (at 25°C, 10~90%RH)
 - $\pm 5\%RH$ (at 25°C, other range)
 - Response time: < 10 mins (90% step change)
- DP (Dew point temp.): -20.0~59.9°C
- WB (Wet bulb temp.): -5.0~59.9°C
- Warm-up time: 30 seconds
- LCD size: 26(H)*44(W)mm
- Operating temperature:
 - CO₂ sensor: -20°C to +50°C
 - CO sensor: 0°C to +50°C
 - The rest parameter: -20°C to +60°C

- Operating humidity: 0~90%RH (avoid condensation)
- Storage temperature: -20°C to +60°C
- Storage humidity: 0~90%RH (avoid condensation)
- Power supply: 4 x AA batteries or 9V adaptor
- Battery Life: > 24 hours (alkaline battery)
- Weight: 200g
- Meter size: 205(L)*70(W)*56(T)mm
- Weight: 200 grams

Package Included:

- AZ77597 Meter
- User Manual
- USB cable & CD
- Hard carry case

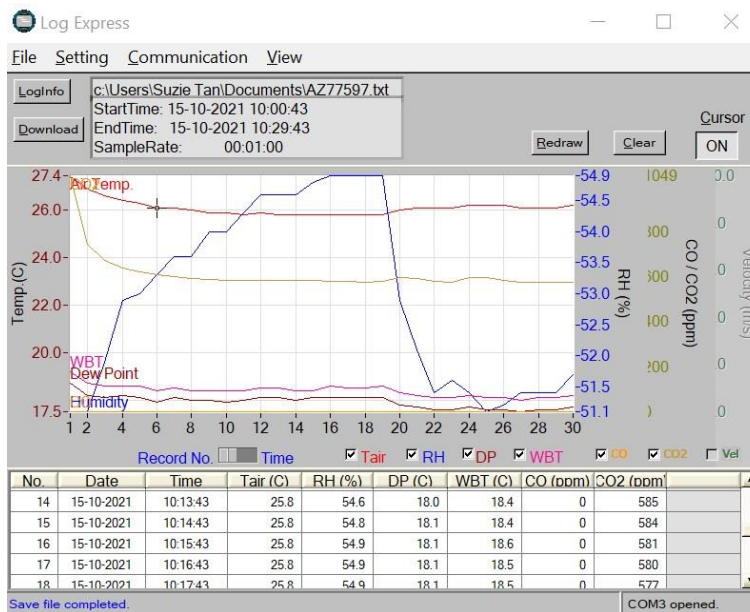




Logger Settings

To set up logging plan, click "Setting" icon and select "Logger". The setting page is opened.

Users can set up the logger identifier number. Click OK for setting and Exit the screen to confirm the settings.



Export to Excel

	A	B	C	D	E	F	G	H	
1	#97								
2	Date: 03-02-2022								
3	ID= 12345678								
4	Sample_Rate= 00:0	1:00							
5	Total_Records= 10	7							
6	Unit: C		Tair (C)	RH(%)	DP (C)	WBT (C)	CO (ppm)	CO2 (ppm)	
7	1	03-02-2022	13:45:42	25.5	59.6	18.8	19.2	0	595
8	2	03-02-2022	13:46:42	25.6	59.4	18.9	19.2	0	595
9	3	03-02-2022	13:47:42	25.6	59.6	18.9	19.2	0	595
10	4	03-02-2022	13:48:42	25.5	59.6	18.8	19.2	0	594
11	5	03-02-2022	13:49:42	25.6	59.3	18.8	19.2	0	594
12	6	03-02-2022	13:50:42	25.5	59.5	18.8	19.2	0	596
13	7	03-02-2022	13:51:42	25.5	60	18.9	19.2	0	600
14	8	03-02-2022	13:52:42	25.5	60.3	19	19.3	0	604
15	9	03-02-2022	13:53:42	25.5	60.8	19.1	19.4	0	632
16	10	03-02-2022	13:54:42	25.4	60.4	18.9	19.2	0	649
17	11	03-02-2022	13:55:42	25.3	60.3	18.8	19.2	0	636
18	12	03-02-2022	13:56:42	25.3	60.5	18.8	19.2	0	629
19	13	03-02-2022	13:57:42	25.2	60.7	18.8	19.1	0	620
20	14	03-02-2022	13:58:42	25.2	60.6	18.8	19.1	0	617
21	15	03-02-2022	13:59:42	25.2	60.6	18.7	19.1	0	615