INDOOR AIR QUALITY DATALOGGER



CO_2, HUMIDITY, TEMPERATURE DATALOGGER 77294/7729

- Large LED displays and record CO_2, Humidity and Temperature readings simultaneously
- 12000 times auto logging. USB2.0 plug and play. No need to operate through specific software.
- Designed with high accuracy NDIR (non-dispersive infrared) waveguide technology CO_2 sensor
- 22cm long 3-color green, yellow and red LED light bar to indicate the CO_2 concentration level
- 77294: with datalogging 7729: without datalogging



Best helper to increase your rating while applying **LEED** green building certificate



Table 2. Points for Continuous Indoor Air Monitoring

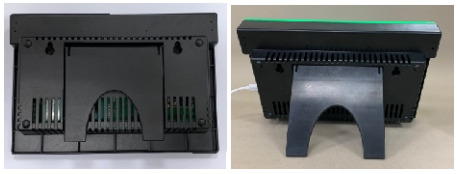
Parameter	Data requirement	Minimum IAQ limit	Enhanced IAQ limit	Points*
Carbon dioxide (CO2)	95th percentile value	1000 ppm	800 ppm	3 (minimum IAQ limit), 4 (enhanced IAQ limit)

By improving the CO_2 concentration indoor and providing continuous monitoring record, at most 4 points is added to your LEED rating.

Programmable air quality light bar indicator



For both Wall mount & Desktop



Ordering Code

VZ77294AZ, 77294 CO_2 logger with light bar
VZ7729AZ, 7729 CO_2 monitor with light bar
VB17729A, 5V USB adaptor with 4 plugs

Available for EB project

Model	77294/7729
Measuring range	
CO2	0~9999 ppm,
Temperature	-10.0~60.0°C (14~140°F)
Humidity	0.1~99.9% RH
Resolution	1ppm , 0.1°C/°F, 0.1%RH
Accuracy	
CO2	±50ppm±5% of reading(0~2000ppm) Other range is 10% of reading
Temperature	±0.6°C/±0.9°F
Humidity	±5%RH (at 25°C, 10~90%RH) ; ±7%RH (at 25°C , other range)
Warm-up time	10 seconds
Response time	
CO2	<30 seconds(90% step change)
Tair	<2 mins (90% step change)
Humidity	<20 minutes (90% step change)
Auto Logging	12000 times records, 77294 only
IP rating	IP20
Operating condition	0~50°C , 0~95% RH (avoid condensation)
Storage condition	-20~ 50°C,0~95%RH(avoid condensation)
Power supply	5VDC USB type C port
Power consumption	<500mA
Meter size (LxWxH,mm)	226x 152 x 45
Weight	450g
Standard package	Meter, manual, Type C cable, Hanging accessories.
Optional accessory	100~240V to 5V@0.6A adaptor with 4 plugs (US.EU.UK. AU)

Areas of application: Widely used in the office building, school, exhibition hall, shopping mall, meeting room, fitness center, restaurant and other public places where **energy bill**, personal **comfort** and **healthy** are important.



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