

CO₂ / Temperature / RH Meter



Model : 7755

Features :

- Big LCD Display with High Resolution
- Design with NDIR (Non-Dispersive Infrared) wave guide technology sensor
- Triple Displays of CO₂ level, temperature and humidity
- Data output to PC every 2 seconds for on-line analysis
- Display 8 hrs TWA value (time-weighted average) & 15 minutes STEL value (short-term exposure limit)
- Housing Design surrounds with rails to help air ventilation for quick and accurate response
- Easy manual calibration on CO₂ and humidity (with AZ salt bottle)
- Dual display 2 parameters simultaneously: CO₂, temperature
- Audible carbon dioxide level warning alarm
- Back light for working in dark area
- Battery and adaptor power supply
- PC connect via USB interface

Specifications :

Measuring Range

CO ₂	0~9999 ppm (2001 ~ 9999 ppm out of scale range)
Temperature	-10°C ~ 60°C (14 ~ 140°F)
Humidity	0.1% ~ 99.9% RH
DP (Dew Point Temp.)	-20.0°C ~ 59.9 °C
WB (Wet Bulb Temp.)	-5.0°C ~ 59.9°C
Resolution	1ppm, 0.1°C / °F, 0.1% R.H

Accuracy

CO ₂	± 50ppm ±5% of reading (0~2000ppm) others range are not specified
Temperature	± 0.6°C / ± 0.9°F
Humidity	±3% RH (at 25°C, 10~90% RH); ± 5% RH (at 25°C, others)

Warm-up time 30 seconds

Response Time

CO ₂	< 30 seconds (90% step change)
Tair	< 2 mins (90% step change)
Humidity	< 10 minutes (90% step change)

LCD Size (mm. HxW)	26 x 44
Operating Condition	0~50°C, 0~95% RH (avoid condensation)
Storage Condition	-20~50°C, 0~95% RH (avoid condensation)
Power Supply	AA X 4pcs
Battery life	>24 hours
Weight	200g
Meter Size	205(L)x70(W)x56(H)mm
Standard package	Meter, Manual, AA Batteries Hard carry case



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