



AZ7752 Portable IAQ Carbon Dioxide (CO2) & Temperature Meter w/TWA & STEL



SKU: AZ7752YL
Manufacture warranty period: 12 months
Country of Origin: China

Introduction:

The 7752 AZ portable CO2 detector could measure the indoor air quality index, including the CO2 concentration, CO2 level and air temperature. The Carbon Dioxide value can be output to PC for on-line analysis.

The 7752 AZ CO2 device could be used as the CO2 checker for the air quality index in all workspace, office, hospital, school, station or home. It can be calibrated easily in the fresh air and its back light function could let user operate in the dark area. The 7752 AZ is your best choice as the indoor air quality (IAQ) testers.

Poor indoor air quality is considered unhealthy because it causes tiredness, loss of ability to concentrate, and even illness (ex: sick building syndrome). IAQ monitoring and survey, especially on CO2 level and air ventilation become widely applied in public areas such as office, classroom, factory, hospital, work space, residential, commercial building and hotels. It is also suggested in regulations of industrial hygiene in some countries.





Features:

- Design with NDIR (Non-Dispersive Infrared) wave guide technology sensor
- 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 to calibrate CO2 at fresh air around 380-420 ppm
- Dual display 2 parameters simultaneously: CO2, temperature
- Audible carbon dioxide level warning alarm
- Big LCD display with high resolution
- Back light for working in dark area
- PC connect via USB interface (Optional)
- Auto-sleep function
- Low battery indicator

Specifications:

- Carbon Dioxide (CO2)
 - Range: 0~9999ppm (2001~9999ppm out of scale range)
 - Resolution: 1ppm
 - Accuracy: $\pm 50\text{ppm} \pm 5\%$ of reading (0~2000ppm), other range are not specified
 - Response time: <30 sec (90% step change)
 - Warm-up time: 30 seconds



- Air Temperature
 - Range: -10~60°C (-5~140°F)
 - Resolution: 0.1°C / 0.1°F
 - Accuracy: $\pm 0.6^\circ\text{C} / \pm 0.9^\circ\text{F}$
 - Response time: < 2 mins (90% step change)
- LCD size: 26(H) x 44(W)mm
- Operating:
 - Temperature: 0°C to +50°C
 - Humidity: 0 ~ 95%RH (avoid condensation)
- Storage:
 - Temperature: -20°C to +50°C
 - Humidity: 0 ~ 90%RH (avoid condensation)
- LCD size: 26(H) x 44(W)mm
- Power supply: 4 x AA batteries
- Battery Life: > 24 hours (alkaline battery)
- Meter size: 205(L) x 70(W) x 56(T)mm
- Weight: 200g

Package Included:

- 1x AZ7752 Meter
- 4 x AA Batteries
- 1 x User Manual
- 1 x Hard carry case

