EXTECH INSTRUMENTS

PRODUCT DATASHEET

CO220 Desktop Indoor Air Quality CO_2 Monitor



Measures Carbon Dioxide (CO_2), Air Temperature and Humidity, plus calculates Dew Point and Wet Bulb. User settable high/low alarm function is perfect for monitoring air quality and insuring proper air ventilation in conference rooms, schools, greenhouses, factories, hotels, hospitals and anywhere that high levels of carbon dioxide are generated.

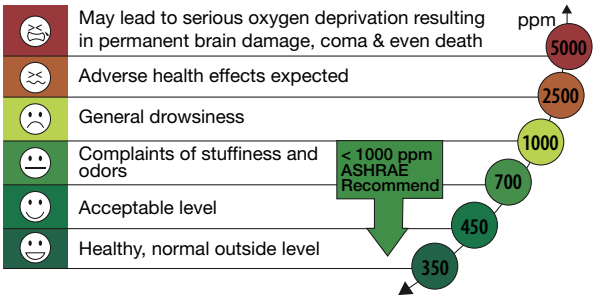


Features

- Displays Carbon Dioxide (CO_2) concentrations
- Maintenance free NDIR (non-dispersive infrared) CO_2 sensor
- Carbon Dioxide reading displayed in ppm with six facial icons indicating indoor quality levels (illustrated below)
- Audible CO_2 warning alarm when concentration level exceeds high or low user set point
- Displays Year, Month, Day, and Time
- Min/Max CO_2 value recall function
- Calculates Dew Point and Wet Bulb values
- Calculates statistical weighted averages of TWA (8 hour Time Weighted Average) and STEL (15 minute Short Term Exposure Limit)
- lps% (Liters per second per person) and cfm/p (cubic feet per minute per person)
- Automatic Baseline Calibration function
- Manually store/recall 99 readings
- Complete with AC adaptor

Carbon Dioxide (CO_2) Concentration Levels

Time Weighted Average exposure Limit <8 Hours



Specifications	Range	Resolution
Carbon Dioxide (CO_2)	0 to 9,999ppm	1ppm
Temperature	14 to 140°F (-10 to 60°C)	0.1°F/°C
Humidity	0.1 to 99.9%RH	0.1%RH
Dew Point	-94 to 140°F (-70 to 60°C)	0.1°F/°C
Wet Bulb	14 to 140°F (-10 to 60°C)	0.1°F/°C
lps%	-1428 to 51 lps%*	1%
cfm/p	-30 to 1 cmf/p*	1 cfm/p
Dimensions	6.1 x 3.4 x 3.2" (155 x 87 x 81mm)	
Weight	5.8oz (165g)	

**Ranges are calculated from 0 to 1000ppm*

Ordering

CO220 ..... Desktop Indoor Air Quality CO_2 Monitor

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