

Datasheet: TIM 10 CO2 Monitor



- Large LCD displays CO2, temperature, % relative humidity in real-time
- Audible alarm warns if CO2 air quality is poor
- User-adjustable high CO2 level warning from 1,000-5,000ppm
- Max/min CO2 level recall function
- Temperature measurement in Fahrenheit or Celsius
- NDIR (non-dispersive infrared) waveguide tech
- ABC (automatic background calibration) - no calibration required
- Long time drift sensor compensation
- Bright LED visible indicates power is on
- Date and time on main screen
- Universal power supply, manual included

Measuring Range

CO2	0 - 9999 ppm, (2001 - 9999 ppm out of scale range)
Temperature.....	-10 - 60°C (14 - 140°F)
Relative Humidity.....	0.1% - 99.9% RH
Resolution	1 ppm
	0.1°C/°F
	0.1% RH

Accuracy

CO2	±50ppm±5% of reading (0 - 2000 ppm)
	Other range accuracy are not specified
Temperature	±0.6°C (±0.9°F)
Relative Humidity.....	±5% RH (at 25°C, 10 – 90% RH)
	±7% RH (at 25°C, others)

Response Time

CO2	<2 min (90% step change)
Temperature	<2 min (90% step change)
Relative Humidity	<10 min (90% step change)

General

Warm-up time	30 sec
Operating condition.....	0 - 50°C, 5-80% RH (avoid condensation)
Storage condition.....	-20 - 50°C, 5-90% RH (avoid condensation)
LCD size (mm, HxW)	60x82
Meter size	120 x 80 mm (diameter x depth)
Weight	200 g
Power supply	120-220VAC to 5VDC, 2500mA adapter with US and EU prong kits included in box