



Indoor Air Quality Monitor TPI - 1001

APPLICATIONS

- Monitor home and office air quality
- Prevent build up of VOCs in workshops and warehouses
- Check air concentration for the following gasses: Carbon Dioxide, Formaldehyde, Toluene, cigarette smoke, etc.
- Air temperature
- Humidity



Instrument Overview



Features

- Measure and display Carbon Dioxide (CO₂) levels to monitor air quality in work spaces and living areas.
- Measure ambient air temperature and humidity
- Volatile Organic Compound (VOC) level warning provides indication of air quality and monitors the affects of commonly found gasses such as Formaldehyde, Toluene (found in many solvents and cleaners), and cigarette smoke.
- Easy to use, just plug the power supply into a standard outlet and begin monitoring
- High sensitivity of +/- 20 ppm CO₂.

The Value Leader™



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SPECIFICATIONS

CO₂ sensor

Measurement	100ppm - 5000 ppm
Sensitivity	±20ppm ±1%
Accuracy	±20ppm ±1%
Sensor type	NDIR (Non Dispersive infrared)
Response time (95% of 0~1600ppm)	=>T95 within 150 seconds of gas reaching sensor
Warm-up time	less than 1 min

General

Power supply	12VDC (120VAC / 12VDC adapter p/n A728 included)
Power consumption	40mA
Operating temperature	0-50°C
Operating humidity	0-95%
Storage temperature	-20°C - +50°C

VOCs sensors

Sensor type	Semi-Conductor
Gases detected	Formaldehyde, Toluene cigarette smoke, etc.

LEVEL Indications

Red at more than 5ppm, (danger)
 Yellow at more than 3 ppm (caution)
 normally Green at below 2ppm
 ** concentration might change according to temperature and humidity.
 So this indication should be reference of air pollution.

Temperature

Range	-20°C - +60°C
Accuracy	±1%

Humidity

Range	0-95%
Accuracy	+/- 5% (5-80%), +/- 8% (<5%, >80%)

Dimensions

Size	5.9" x 7.9" x 3.9" (15x20x10cm)
Weight	7.05 oz (200g)

Distributed By:



To learn about the entire line of TPI products visit: www.tpi-thevalueleader.com L 1001 0407

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TECHNICAL SPECIFICATIONS AND ACCESSORIES

- Digital Multimeters
- Clamp Meters
- Hand-held Oscilloscopes
- Refrigerant & Combustible Gas Leak Detectors
- Temperature Testers
- BNC Coax Cable Connectors
- Test Leads
- Accessories

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