



Indoor Air Quality Monitor TPI - 1001

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:



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

Test Products International, Inc.

Headquarters:
9615 SW Allen Blvd.
Beaverton, OR 97005
USA
503-502-9197
Fax: 503-520-1225
email:
info@tpi-thevalueleader.com

Test Products International, Ltd.

342 Bronte St. South
Unit 9
Milton, Ontario L9T
5B7
Canada
905-693-8558
Fax: 905-693-0888
email:
info@tpicanada.com

Test Products International UK Ltd.

Longley House, East Park
Crawley, West Sussex
RH10 6AP England
Tel: +44 (0)1293 561212
Fax: +44 (0)1293813465
contactus@tpieurope.com

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

www.tpi-thevalueleader.com

Copyright © 2004 Test Products International, Inc.



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™