

**GENERAL®**

# Formaldehyde Meter

**Ideal for measuring levels of gaseous formaldehyde (HCHO) as part of a workplace indoor air quality (IAQ) maintenance program, or to spot-check a residential environment**

The FD08 features an electrochemical sensor which measures real-time formaldehyde gas concentration with accuracy and resolution that meet U.S. National Institute for Occupational Safety and Health's (NIOSH's) acceptance criterion. It also tracks, calculates and displays three cumulative formaldehyde gas metrics: 8-hour TWA (time-weighted average), 1-hour average, and 15-minute STEL (short-term exposure limit).



## Features:

- Meets U.S. National Institute for Occupational Safety and Health's (NIOSH's) acceptance criterion
- Tracks, calculates and displays three cumulative formaldehyde gas metrics
- One-button calibration to 0 ppm in fresh air
- User-adjustable high concentration audible alarm threshold
- Also measures relative humidity (RH) and temperature in °F or °C
- Manually offsettable long-term drift of temperature and RH accuracy
- Min/Max memory and data hold
- Large backlit dual-readout LCD
- 15-minute Auto Power Off (can be disabled)
- Low battery indication
- Tripod mount
- CE and RoHS approved

## Specifications:

**Formaldehyde Range / Resolution:**  
0 to 5 ppm / 0.01 ppm

**Formaldehyde Accuracy:**  
±(5% + 0.03 ppm)\*

**Formaldehyde Sensor Type / Warmup Time:**  
Electrochemical / 1 to 15 minutes

**Temperature Range:**  
0° to 122°F (0° to 50°C)

**Temperature Accuracy / Resolution:**  
±1.8°F (1°C) / 0.1°

**RH Range / Accuracy:**  
10 to 90%RH / ±5% of reading, typical

**Display Type / Size:** Dual readout LCD / 2 in. (51mm) diagonal

**Auto Power Off Trigger:** 15 minutes of front-panel inactivity (can be disabled)

**Operating Temperature:** 32° to 122°F (0° to 50°C) @ 0 to 95%RH, non-condensing

**Dimensions:** 8.3 x 2.4 x 1.0 in. (210 x 60 x 25mm)

**Weight (w/battery):** 7.2 oz. (204g)

**Power Source:** (4) "AAA" batteries (not included) or included 110VAC adaptor

## Includes:

Instrument, 110VAC Adaptor, Soft Pouch, User's Manual, Warranty

**GENERAL®**

**2** Year  
Limited  
Warranty

Contact:  
Industrial Process Measurement, Inc.  
3910 Park Avenue, Unit 7  
Edison, NJ 08820  
732-632-6400  
support@instrumentation2000.com  
<http://www.instrumentation2000.com>

**No. FD08**

## A Guide to Formaldehyde Exposure Levels

0.03 ppm	Average outdoor level
0.10 ppm	Upper short-term exposure limit (STEL) for residences recommended by ASHRAE, ANSI, EPA and NIOSH
0.40 ppm	Recommended upper STEL for manufactured homes
0.50 ppm	OSHA's workplace limit
0.75 ppm	OSHA's 15-minute time-weighted average (TWA) limit
0.80 ppm	Level at which most people first detect odor
2.00 ppm	OSHA's STEL limit

\* Meets U.S. National Institute for Occupational Safety and Health's (NIOSH's) acceptance criterion within ±25% of true value at 95% confidence level