

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).

CE
RoHS

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



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 |

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2 Year
Limited
Warranty



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