EXTECH ®
INSTRUMENTS

FM300 Desktop Formaldehyde (CH$_2$O or HCHO) Monitor

Measures Formaldehyde concentration, Air Temperature and Humidity with user-settable audible alarm (0.08ppm default). Excellent for monitoring indoor air quality of areas affected by formaldehyde gas.

Applications:
Formaldehyde is used in the manufacture of many industrial and consumer goods. Emissions from some of these items can rise when moisture and heat increase. These emissions are a contributing factor to Sick Building Syndrome, which may lead to itchy eyes and throat, as well as headaches and dizziness.

- Glue
- Paint
- Insulation/Plywood/Fiberboard
- Timber Paneling/Particleboard
- Cosmetics
- Shampoos
- Soap Bars/Body Wash
- Lotions
- Toothpaste

Features

- Simultaneously displays Formaldehyde concentration, Air Temperature, and Relative Humidity readings with date (Year, Month, Day) and time
- Visibly bright LED (green & red) and three facial icons indicate indoor CH$_2$O warning level
- Audible beeping alarm default at 0.08ppm (adjustable)
- Designed with Electrochemical CH$_2$O sensor
- Min/Max CH$_2$O value recall function
- Calculates statistical weighted averages of TWA (8-hour Time Weighted Average) and STEL (15-minute Short Term Exposure Limit)
- CH$_2$O Calibration function in fresh air

- Internal memory for manually storing up to 99 readings with recall function
- Complete with Universal AC adapter (100V-240V) and multiple plug types (US, EU, UK, AUS)

☹	>0.8ppm CH2O
☹	>0.08ppm, <0.80ppm CH2O
☺	<0.08ppm CH2O

Three facial icons indicating CH$_2$O concentration level for indoor air quality

Specifications	Range	Resolution	Basic Accuracy
Formaldehyde (CH$_2$O or HCHO)	0.00 to 5.00ppm	0.01ppm	±5%
Air Temperature	32 to 122°F (0 to 50°C)	0.1°F/°C	±2°F/1°C
Humidity	10 to 90%RH	0.1%RH	±5%RH
Dimensions	6.1 x 3.4 x 3.2" (155 x 87 x 81mm)		
Weight	5.8oz (165g)		

Ordering

FM300............... Desktop Formaldehyde Monitor

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