

# Газоанализаторы цифровые FM100, FM200, FM300

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## FM100 Formaldehyde (CH<sub>2</sub>O or HCHO) Monitor



**Measures Formaldehyde concentration, Air Temperature and Humidity with user-settable alarm. Perfect for monitoring indoor air quality of areas affected by formaldehyde gas. Back stand for desktop display or can be wall mounted.**

### 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

- Alternately displays Formaldehyde concentration, Air Temperature, and Relative Humidity readings (cycles approximately every 6 seconds)
- Visible bright tri-colored LED indicator:  
Green <0.08ppm, Yellow = 0.08 to 0.79ppm, and Red = 0.80ppm and above
- LCD displays alarm icon, LED light turns red, and loud audible beeper sounds when indoor CH<sub>2</sub>O level exceeds set point (defaults at 0.08ppm); beeper can be temporarily turned off for false alarm
- Selectable CH<sub>2</sub>O unit as ppm or mg/m<sup>3</sup>
- "ZERO" Re-Calibration function
- Manual Temperature and Relative Humidity Compensation (adjustable)

- Designed with Electrochemical CH<sub>2</sub>O sensor
- CH<sub>2</sub>O Calibration function in fresh air
- Four display error codes for troubleshooting
- Low battery indicator
- Recover to factory setting function
- Complete with built-in stand, side cover, Universal AC Adaptor (multi-plugs US, EU, UK, and AU), and 4 AAA batteries

	< 0.08ppm	Normal
	= 0.08 to 0.79ppm	Caution
	= 0.80ppm & above	Danger

Bright Tri-colored LED Indicator for CH<sub>2</sub>O Level

Specifications	Range	Resolution	Basic Accuracy
Formaldehyde (CH <sub>2</sub> O or HCHO)	0.00 to 5.00ppm (mg/m <sup>3</sup> )	0.01ppm (mg/m <sup>3</sup> )	±5% of reading + 0.03ppm
Air Temperature	32 to 122°F (0 to 50°C)	0.1°F/°C	±2°F/1°C
Humidity	20 to 90%RH	1%RH	±5%RH
Dimensions	4.4x4.3x2.1" (113x108x53mm)		
Weight	5.6oz (159g)		

### Ordering

FM100..... Formaldehyde Monitor

# FM200 Handheld Formaldehyde (CH<sub>2</sub>O or HCHO) Meter



**Measures Formaldehyde concentration, Air Temperature, and Humidity. Adjustable audible alarm feature is excellent for checking indoor air quality in buildings.**

**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 manufacturers
- Insulation/Plywood/Fiberboard
- Timber Paneling/Particleboard
- Cosmetics
- Shampoos
- Soap Bars/Body Wash



**Features**

- Simultaneously displays Formaldehyde concentration, Air Temperature, and Relative Humidity readings on large LCD with backlight feature
- Audible alarm default at 0.08ppm (adjustable)
- Designed with Electrochemical CH<sub>2</sub>O sensor
- Sensor LED indication where green indicates sensor is connected properly and power is on, red LED shows the fan is in working condition (active = flashing red; inactive = solid red)
- Built-in bumper that allows the fan inside the sensor to draw in gas quickly
- CH<sub>2</sub>O Calibration function in fresh air
- Min/Max and Data Hold
- Auto power off with disable
- Low battery indicator
- Complete with soft tube (approx. 1ft/300mm), sensor with 2.1ft (657mm) cable, 6 AAA batteries and carrying case

Specifications	Range	Resolution	Basic Accuracy
Formaldehyde (CH <sub>2</sub> 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
Relative Humidity	10% to 90%RH	0.1%RH	±5%RH
Dimensions	6.3 x 2.4 x 1.6" (160 x 60 x 40mm)		
Weight	6.4oz (181.4g)		

**Ordering**

FM200..... Handheld Formaldehyde Meter

# FM300 Desktop Formaldehyde (CH<sub>2</sub>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<sub>2</sub>O warning level
- Audible beeping alarm default at 0.08ppm (adjustable)
- Designed with Electrochemical CH<sub>2</sub>O sensor
- Min/Max CH<sub>2</sub>O value recall function
- Calculates statistical weighted averages of TWA (8-hour Time Weighted Average) and STEL (15-minute Short Term Exposure Limit)
- CH<sub>2</sub>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 CH <sub>2</sub> O
	>0.08ppm, <0.80ppm CH <sub>2</sub> O
	<0.08ppm CH <sub>2</sub> O

Three facial icons indicating CH<sub>2</sub>O concentration level for indoor air quality

Specifications	Range	Resolution	Basic Accuracy
Formaldehyde (CH <sub>2</sub> 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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