

Газоанализаторы цифровые VFM200

Технические характеристики

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VFM200 VOC/Formaldehyde (CH₂O or HCHO) Meter



Measures VOC (Volatile Organic Compound) and Formaldehyde concentrations in real-time. Fast response time, compact, easy-to-carry, and excellent for checking the indoor air quality of homes, offices, factories, hotels, schools and other indoor environments. Potential sources for VOCs include paints, finishes, adhesives, cigarette smoke, pesticides, personal care products, car exhaust, new furnishings, wall coverings, household cleansers, and cooking fuels. Chemicals include: Acetone, Ethylene Glycol, Formaldehyde, Xylene, 1,3-butadiene, Tetrachloroethene, Hydrogen Sulfide, Ammonia, Toluene, Benzene, Methylene Chloride, Perchloroethylene, and MTBE.



Features

- Backlit LCD displays TVOC (Total Volatile Organic Compound) and HCHO (Formaldehyde) concentrations simultaneously in real-time
- Built-in fast response, high accuracy fuel cell Formaldehyde sensor
- Two selectable units of measure (ppm, mg/m³)
- Adjustable audible and visible high/low alarms
- Auto Power Off
- Complete with rechargeable battery and Universal AC Adaptor/Charger (multi-plugs US, EU, UK, and AU)

Specifications	Range	Resolution	Basic Accuracy
TVOC	0.00 to 9.99ppm (mg/m ³)	0.01ppm	±5%FS
Formaldehyde (CH ₂ O or HCHO)	0.00 to 5.00ppm (mg/m ³)	0.01ppm (mg/m ³)	±5%FS
Response Time	<2s		
Power Supply	Rechargeable battery and AC adaptor		
Charge Time	approx. 3 hours		
Dimensions	6.5 x 2.4 x 1" (165 x 60 x 25mm)		
Weight	1.3lbs (584g)		

Ordering

VFM200 VOC/Formaldehyde (CH₂O or HCHO) Meter

FM200 Handheld Formaldehyde (CH₂O 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 CH₂O 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
- CH₂O 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 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
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 (CH₂O 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 CH₂O warning level
- Audible beeping alarm default at 0.08ppm (adjustable)
- Designed with Electrochemical CH₂O sensor
- Min/Max CH₂O value recall function
- Calculates statistical weighted averages of TWA (8-hour Time Weighted Average) and STEL (15-minute Short Term Exposure Limit)
- CH₂O 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 ₂ O
	>0.08ppm, <0.80ppm CH ₂ O
	<0.08ppm CH ₂ O

Three facial icons indicating CH₂O 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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