

Formaldemeter htV-m

Portable Formaldehyde Monitor with Data Logging



PRODUCT FEATURES

- Rapid response time
- Capable of up to 1 month of continuous monitoring
- Small, light-weight, handheld instrument
- Built-in sampling pump
- Monitors and displays temperature and relative humidity
- Real-time clock
- Connects directly to PC for downloading data
- Simple to calibrate using high accuracy Calibration Standard provided

Formaldemeter htV-m is a handheld, direct-reading portable instrument that offers a convenient way to monitor levels of airborne formaldehyde. The htV-m can precisely measure formaldehyde concentrations in parts per million (ppm) and mg/m^3 over a wide range of temperature and humidity conditions. Fast and easy to use, it employs a proven sensor technology that provides an immediate indication of formaldehyde levels. The built-in memory and real-time clock enables the instrument to log data for up to one month of continuous stand-alone monitoring. Additionally, a PC can automate the sampling and log data at specific times by a direct or wireless connection.

Formaldemeter htV-m has a simple, user-friendly interface and features an easy-to-read four-digit display. It can be used as a portable handheld, or continuous detection monitor. A built-in stand allows the instrument to sample in an upright position for extended sampling applications. Formaldemeter htV-m is unlike any other formaldehyde monitoring device. It is capable of

measuring many samples consecutively without the need for inconvenient ancillary equipment and is much more accurate than conventional devices such as color stain tubes and badges. Formaldemeter htV-m gives the user real-time results. This means that potential overexposures can be identified as they occur, without the delay and expense associated with laboratory analysis. We provide a custom designed calibration standard that has been tested against approved analytic calibration systems. This unique calibration standard allows the user to easily check the instrument for accuracy and performance.

The Formaldemeter htV-m is a very cost effective approach to accurately monitoring indoor air quality and reporting exposure to airborne formaldehyde levels in a variety of potentially hazardous situations. This versatile formaldehyde monitor can be used as a rapid response tool providing an immediate warning of dangerous concentration levels, or for continuous monitoring for worker safety.

Formaldemeter htV-m

GENERAL SPECIFICATIONS

Display:	4-digit LCD
Range:	0-10 ppm standard range. Extended range is available on request
Alarm:	User adjustable audible alarm
Power:	PP3 9V alkaline battery or 9-15 VDC supply
Sensor:	Electrochemical
Response Time:	60 seconds in high accuracy mode, approx. 8 seconds in lower accuracy mode
Calibration:	Instrument performs auto zero calibration check before each new sample. Simple and accurate 2 ppm Calibration Standard provided for in-field calibration.
Sampling Method:	10ml sample of air taken by internal pump
Sampling Frequency:	Set at 5 minute intervals for normal IAQ conditions. User adjustable between 2 to 60 minutes.
Sampling Memory:	Standard data memory includes capacity for 6000 samples, each sample includes time, date, formaldehyde reading in ppm and mg/m ³ , temperature and RH. 14,000 sample capacity option available.
Dimensions:	Instrument: 3.2 W x 5.9 H x 1.3 D inches (80 W x 150 H x 34 D mm) Carrying Case: 12.3 W x 10.4 H x 3 D inches (313 W x 265 H x 76 D mm)
Weight:	Instrument: 10.6 oz. (300g) Total Kit including Instrument and Carrying Case: 2.6 lbs. (1.2 kg)
Options:	<ul style="list-style-type: none">• WiFi module available• Sampling valve for harsh atmospheres• Wall mounted cradle• Protective sleeve w/stand• Humidity Standard for refreshing the fuel cell sensor with moisture

The Formaldemeter htV-m is manufactured to ISO 9001:2000 quality standards and compliant to CE regulations.

FORMALDEMETER htV-m INSTRUMENT KIT

TEMPERATURE & HUMIDITY MODULE SPECIFICATIONS

Type:	Interchangeable digital CMOSens®
Range:	-40 to +262°F (-40 to +128°C), 0-100% RH
Accuracy:	± 32°F (±0.4 °C), ±3% RH
Calibration:	Calibrated to ISA/IEC17025 by manufacturer

ORDERING INFORMATION

Instrument	Part No.
Formaldemeter htV-m Instrument Kit comes complete with pack of 10 phenol filters, calibration standard, instruction manual, carrying case, AC/DC power supply, USB cable and download software.	02700-110
Formaldehyde Calibration Standard typical life 6 months or 100 samples, whichever occurs first.	02700-001
Replacement Phenol Filters, pack of 10	02700-002

