



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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

