

Accurate measurement of formaldehyde levels for compliance with OSHA standards*

Formaldehyde (HCHO) is a volatile organic compound (VOC) and common source of indoor air pollution in homes and industries due to the presence of paints, dyes, synthetic resins, textiles, cleaning agents, flooring, wall paper and in paper manufacture, construction, pharmaceuticals, textiles, horticulture and the food, medical and cosmetic industries. Meters display HCHO levels on a backlit LCD. Also read RH (relative humidity) and temperature in °F or °C which can be adjusted to any standard. Recall the maximum and minimum HCHO readings and have user selectable audible & visible alarms for maximum HCHO level. Automatically calculate 8 hour time-weighted average (TWA), 1-hour average, and 15 minute short-term exposure limit (STEL). Feature one-button calibration to fresh air, hold function and a low battery indicator. Comes complete with tripod screw, soft carrying case, 4 x AAA batteries. Datalogging Formaldehyde Meter 800053 records up to 32,000 data points of HCHO, temperature, and RH that can be downloaded using a USB cable and software, included with this model. Model 800053 also reads mg/m³ (in addition to ppm) and comes with an AC adaptor.



DIM: 8¼" × 2¼" × 2" (210 × 57 × 51 mm). WEIGHT: 7 oz (198 g).

No.	Description
800052	Formaldehyde Meter
800053	Formaldehyde Datalogging Meter
840093	Field Tripod
	AC Adaptor (included with model 800053)

	Range	Resolution	Accuracy
HCHO	0 ~ 5 ppm	0.01	+/-5% of rdg + 0.03 ppm (mg/m ³) under vacuum chamber
Temperature C	0 ~ 50°C	0.1	+/-1°C (20 ~ 50°C) otherwise +/- 1.2°C
Temperature F	32 ~ 122°F	0.1	+/-2 °F (68 ~ 122°F) otherwise +/- 2.5°F
RH	0.1 ~ 99.9%	0.1	+/-5% @25°C, 10 ~ 99% RH



* OSHA Standard 29 CFR 1910.1048 establishes a workplace 8-hour TWA (Time Weighted Average) PEL (Permissible Exposure Limit) of 0.75 ppm with a STEL (Short Term Exposure Limit) of 2 ppm over 15 minutes.