



# TENMARS TM-802

## Formaldehyde (HCHO) Meter

### TWA STEL

SKU: TENTM802BK  
 Manufacture Warranty period: 12 months  
 Country of Origin: Taiwan

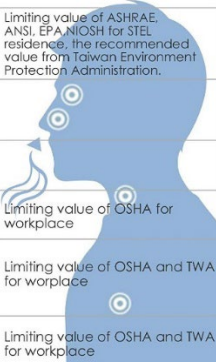
### Descriptions

- Backlit LCD displays simultaneously formaldehyde (HCHO), temperature, humidity, easy to monitor.
- **Occupational safety (OSHA) monitoring shows Total Weight Average, TWA (8 hours) and Short Term Exposure Limit, STEL (15 mins).**
- Use high-precision electrochemical sensors.
- The maximum / minimum / average hold.
- Stores 200 records manually.
- Data hold.
- Formaldehyde maximum and minimum alarm value setting.

### Specifications

HCHO	
Range	0-3.00 mg/m <sup>3</sup> / 0.01~5.00 ppm
Resolution	0.01 mg/m <sup>3</sup> / 0.01 ppm
Accuracy	5%
Response Time	30 seconds
Temperature	
Range	-20 ~ 50°C
Resolution	0.1°C
Accuracy	1.0 °C
Humidity	
Range	5~95 %RH
Resolution	0.1%RH
Accuracy	±5.0%RH (20~80%RH) ±8.0%RH (80%)

### FORMALDEHYDE HAZARDS

Formaldehyde concentration	Human response	International standard	
0.03ppm	General outdoor environment value		
0.08ppm	Tasteless, no sensation for the human		
0.1ppm	Standard recommended value	Limiting value of ASHRAE, ANSI, EPA, NIOSH for STEL residence, the recommended value from Taiwan Environment Protection Administration.	
0.15-0.25ppm	Breathing for a long time may easily cause the allergies on children's skin		
0.25-0.3ppm	It may cause the symptoms of asthma, allergies, cough, etc.		
0.5ppm	It may cause abnormal immune function and oncogenic risk.		Limiting value of OSHA for workplace
0.75ppm	It may cause Chromosomal abnormalities and affecting fertility, and cause cancer easily.		Limiting value of OSHA and TWA for workplace
>2.0ppm	It may cause cancer and chronic respiratory disease.		Limiting value of OSHA and TWA for workplace

Dimension	191 x 73 x 35mm
Weight	250g
Power	6 x 1.5V AAA Batteries
	DC adaptor 9V/0.5A (9mm)

