



TENMARS TM-801 Carbon Monoxide CO & Temperature Meter

SKU: TENTM801BK

Manufacture Warranty period: 12 months

Country of Origin: Taiwan

Descriptions

Carbon monoxide (CO) is a poisonous gas that has no smell, color or taste. But it is very dangerous and reduces the oxygen-carrying capacity of blood that causes you unwell, illness and death.

Features

- 4 digital LCD with maximum 1000 counts.
- CO range: 0 ~ 1,000ppm.
- Temperature range: -20~50 °C (-4~122 °F).
- Sample rate: 1 time/second
- Dual and digital display of the CO and temperature measuring
- Max/Min/Average Hold.
- Data Hold.
- Low battery indication
- Auto power off with disable function.
- **Adjustable alarm: Adjustable alarm threshold level (25 /35 /50 /100 /250 /400 /800 /Randomly adjustable); Enable/Disable alarm**
- LED Backlight.
- Auto power OFF and disable function.

Standards Certification

- CE
- ROHS

CO LEVELS AND STANDARD:

Carbon monoxide content in the air | Inspiration time | Symptoms and applicable standard

- 0-1 ppm: Normal background levels.
- **9 ppm: Maximum indoor air quality level.**
- 35 ppm | 8 hours: The average exposure level per U.S. OSHA workplace standards.
- 50 ppm | 8 hours: The maximum average exposure of the U.S. OSHA workplace standards.
- 0.01% (100 ppm) | 2~3 hours: Evacuate people from enclosed space if the CO concentration exceeds 100 ppm per OSHA exposure limit. Mild headache.
- 0.04% (400 ppm) | 1~2 hours: Headache occur in 2.5 hours to 3.5 hours.
- 0.08% (800 ppm) | 45-min: Dizziness, nausea, cramps(convulsions).
- 0.16% (1600 ppm) | 20-min: Headache, dizziness and will be dead within 2 hours.
- 0.32% (3200 ppm) | 5~10 min: Headache, dizziness, vomiting and will be dead in 30 minutes.
- 0.64% (6400 ppm) | 1~2 min: Headache, dizziness and will be dead within 10 to 15 minutes.
- 1.28% (12800 ppm) | 1~3 min: Cause death.

Specifications

CO	
Range	0-1000 ppm
Resolution	1 ppm
Accuracy	±5% or ±2ppm
Repeatability	< 2%
Response time	< 30 seconds
Zero drift in long term	< 5ppm
Sensitivity drift	<5% (per year)
Typical Sensor Life	3 years
Temperature	
Range	-20 ~ 50°C
Resolution	0.1°C
Accuracy	1.0 °C

Power Supply	6 x AAA 1.5V Batteries DC 9V0.5A (9mm) Adaptor
Battery Life	Approx. 90 hours
Operating Temperature / Humidity	-20 ~ 50°C <80%RH
Storage Temperature / Humidity	-10 ~ 50°C <70%RH
Dimension	156 x 73 x 35mm
Weight	250g (Batteries no included)

Package includes

1 x TM-801 Meter
1 x User Manual
6 x AAA Batteries
1 x Soft carrying bag

