

- Backlit 4 dgt LCD with maximum 1000 counts.
- Sample rate: 1 time/second
- Datalogging capacity: 8000 records, USB interface. (TM-802)
- Max/Min/Average Hold.
- Data Hold.
- Low battery indication
- Auto power off with disable function.
- Adjustable alarm.
- Sample rate: 1 time/second.

At 23ℳ ±0.5ℳ , RH<75%

CO Measurement:

Range	0 ~ 1000ppm
Resolution	±1ppm
Accuracy	±5% + 2ppm
Repeatability	< 2%
Response time	< 30 seconds.
Zero drift in long term	< 5ppm
Sensitivity drift	< 5% (per year)
Typical sensor life	3 years

Temperature Measurement:

Range	-20~50ℳ /-4~122ℳ
Resolution	±0.1ℳ /±0.1ℳ
Accuracy	±1.0ℳ /±1.8ℳ

Power supply : 1.5V UM-4(AAA) battery × 6 PCS or AC100~240V or DC Adaptor 9V/0.5A(9mm).

Battery life: approx 90 hours.

Operating Temperature & Humidity: -20°C to +50°C,

Storage Temperature & Humidity : -10°C to +50°C, <70% RH.

Dimension: 156×73×35mm(LxWxH).

Weight: approx 250g (Batteries not included).

Standard accessories: UM-4(AAA)1.5V battery ×6 PCS, user's manual,
 USB cable (TM-802),
 AC100~240V DC9V/0.5A(9mm)×1 (TM-802),
 Install CD disk (TM-802)

CO LEVELS AND STANDARD:

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Carbon monoxide content in	Inspiration time	Symptoms and applicable standard
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the air		
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 15minutes.
1.28%(12800 ppm)	1~3 min	Cause death.