**TemTop M2000 2ⁿᵈ Generation Portable Air Quality Monitor
PM2.5 / PM10 / Particles / CO2 / Formaldehyde (HCHO) / Temperature / Humidity**

SKU: TEMTOPM20002ND
Manufacture warranty period: 12 months
Country of Origin: USA

Product overview

Temtop M2000 2nd is a portable carbon dioxide monitor that you can move around with. It focuses on CO2 but also includes a formaldehyde (HCHO), PM2.5 and PM10 monitoring, the device also has a histogram and it is capable to export data to the computer. The combination of the history file, and CE and FCC test repost are perfect for those customers who want to present a case about the air quality in their environment.

Key Features

- Upgraded version based on M2000. Better performance in particle and CO2 sensor.
- Data export (CSV format) available via USB.
- Multifunctional Air Quality Monitor device with high precise electrochemical formaldehyde sensor, laser particle sensor, and carbon dioxide sensor based on NDIR.
- This air quality monitor can detect CO2, PM2.5, PM10, Particles, HCHO (formaldehyde), Temperature and Humidity.
- Audio alarm, colourful TFT display, 24-hour data graph, ergonomic design, built-in rechargeable large capacity battery.
- Easy interface, temperature unit Fahrenheit and Celsius switchable.

Scope of application

Any indoor or outdoor environment, such as inside the house, office environment, vehicles or outdoor shelter.

Product specifications:

Parameter	Sensor	Measurement Range	Resolution	Accuracy
PM2.5	Laser PM Sensor	0 to 999µg/m³	0.1µg/m³	±10µg/m³ (O-100 µg/m³); ±10% (101-500 µg/m³)
PM10	Laser PM Sensor	0 to 999µg/m³	0.1µg/m³	±15µg/m³ (O-100 µg/m³); ±15% (101-500 µg/m³)
Carbon Dioxide (CO2)	NDIR	0 to 5000 ppm	1 ppm	±50ppm + 5% reading
Formaldehyde (HCHO)	Electrochemical Sensor	0-2 mg/m³ Measure Limit: 5 mg/m³	0.001 mg/m³	±0.03 mg/m³ (0-0.03 mg/m³); ±10% (0.3-1 mg/m³)
Temperature		0 to 50°C	1°C	±1°C
Humidity		0-90% RH	1%RH	±5%RH

Display mode:	2.7" TFT Colour Screen
Memory Story:	70,000 points *Once memory full, old readings will be overwrite.
Storage interval:	1, 5, 10,30 and 60 minutes
Power by:	Build-in Rechargeable battery (3000mAH)
Battery Life:	6-8hours
Input Power:	DC5V/1A
Dimension:	223.5 x 73.5 x 37.5mm
Weight:	0.9 KG

Package included:

- 1 x M20002nd Meter
- 1x USB Data/Charging cable
- 1 x User Guide

Package Dimension:

- 290 x 160 x 90mm
- Weight: 0.95 KG

HCHO · PM2.5 · PM10 · CO₂ · Temperature/Humidity · Histogram · Audio Alarm · Upgraded Sensor · Data Export

Built-in 3000mAh Battery · Charging Time 3 Hours · Standby Time 8 Hours

Buzzer status · Data and time · Status: Pause/start · Battery status · Main dispaly area · Menu button · Return button · Up button · On/off/comfirm button · Down/run/pause button

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Updated: 25 Jul 2022

Reflect pollutant changes
within 24 hours: 0-96s,
0-48 min, 0-4h, 0-24h

Health Parameter Guide

PM2.5	PM10	CO2(ppm)	Levels of Health Concern	HCHO(mg/m³)	Displayed Contents
0.0-12.0	0-54	0-700	Good	0-0.1	Healthy
12.1-35.4	55-154	701-1000	Moderate		
35.5-55.4	155-254	1001-1500	Unhealthy for Sensitive Groups	>0.1	Unhealthy
55.5-150.4	255-354	1501-2500	Unhealthy		
150.5-250.4	355-424	2501-5000	Very Unhealthy		
≥250.5	≥425	≥5001	Hazardous		

Data Export to CSV

DATE	PM2.5	PM10	CO2	HCHO	TEMPERATURE	HUMIDITY
22/7/2022 6:19	8.6	13.2	565	0.064	23.1	76.2
22/7/2022 6:20	8.7	13.6	546	0.052	23.3	76.5
22/7/2022 6:21	9.7	12.5	542	0.048	74.1	76.3
22/7/2022 6:22	8.8	13.2	513	0.047	74.2	76.3
22/7/2022 6:23	8.6	12.8	518	0.047	74.5	76.3
22/7/2022 6:24	7.4	11.7	690	0.046	74.7	76.3
22/7/2022 14:12	7.5	10.9	521	0.044	74.9	75.9
22/7/2022 14:13	7.5	11.3	496	0.044	75.2	75.1

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