

Temtop

LKC-1000E/1000S/1000S+

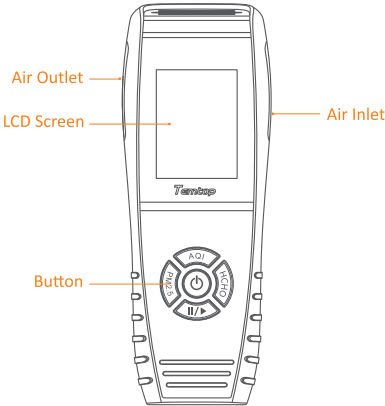
⚠ Important !

- ★ It is normal to display a higher value when the detector is turned on for the first time or unused for a long time. Place it in a ventilated environment for 8 hours before detection.
- ★ Before detection, keep the target room airtight for 10 minutes. Take the average value of multiple points in order to calculate its overall air quality.
- ★ Do not put the detector in the environment with formaldehyde (HCHO) concentration above 1.0mg/m³ or PM concentration above 500ug/m³ for a long time. Otherwise, the sensor may be damaged and cannot run normally.
- ★ Do not contact with organic solvents which include silica gel and other adhesives, paintings, drugs, oil and high-concentration gases.
- ★ Do not use the detector in humid environment in order to maintain the detection accuracy.
- ★ Do not cover the air inlet/outlet when using the detector.
- ★ Be cautious of cross interference by ethanol, benzene, ammonia, etc.

Overview

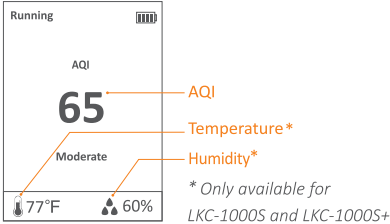
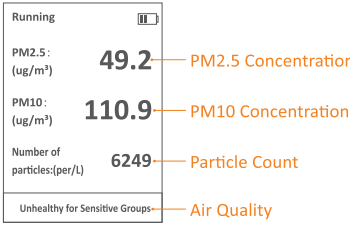
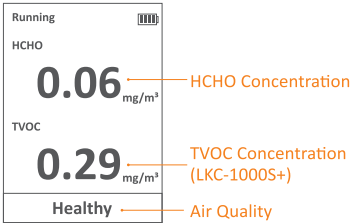
LKC-1000 Series are designed to detect air quality. It is a multifunctional air quality monitor with high precise electrochemical formaldehyde sensor, laser particle sensor. It transforms invisible pollutant concentration into visual data for you to know the air quality for home, school, office, vehicles, outdoors, etc.

Appearance

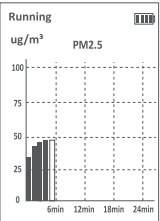
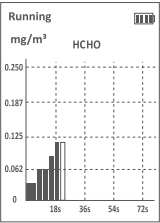


Display

1) Data View



2) Graph View(LKC-1000S+ Only)



⚠ Note:

- Data updates every 3 seconds when time(x-axis) is within 72 seconds.
- Data updates every 1 minute when time(x-axis) is within 24 minutes.
- Data updates every 5 minutes when time(x-axis) is within 120 minutes.
- Data updates every 30 minutes when time(x-axis) is within 12 hours.

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Buttons



Button	Model	Function
AQI	LKC-1000E	Press to see AQI. Press and Hold for 5 seconds to switch between °C or °F.
	LKC-1000S LK-1000S+	Press to see AQI, temperature and humidity. Press and Hold for 5 seconds to switch between °C or °F.
PM2.5	LKC-1000E LK-1000S	Press to see PM2.5 concentration; Press again to see PM10 concentration and particle counts.
	LKC-1000S+	Press to see PM2.5/PM10 concentration and particle counts; Press again for graphic view of PM2.5 concentration.
HCHO	LKC-1000E LK-1000S	Press to see HCHO concentration.
	LKC-1000S+	Press to see HCHO/TVOC concentration; Press again for graphic view of HCHO concentration.
II/▶	LKC-1000E LK-1000S LK-1000S+	Press to shift between Running and Hold mode.

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Specifications

Model: LKC-1000E/1000S/1000S+
Display: TFT color LCD screen
Battery Capacity: 3000mAh
Charging Output: DC5V, 1A
Dimensions: 177x65.5x32mm
Operating Environment:
Temperature: 0-50°C (32-122°F)
Humidity: 0-90%RH
Air Pressure: 1atm
Measuring Range (PM2.5): 0-999ug/m³
Resolution (PM2.5): 0.1ug/m³
Measuring Range (PM10): 0-999ug/m³
Resolution (PM10): 0.1ug/m³
Measuring Range (HCHO): 0-5mg/m³
Resolution (HCHO): 0.01mg/m³
Measuring Range (TVOC): 0-5mg/m³
Resolution (TVOC): 0.01mg/m³

Parameter Index for Reference


HCHO (mg/m³)	TVOC (mg/m³)	Level
0-0.1	0-0.5	Healthy
>0.1	>0.5	Unhealthy

PM2.5 (ug/m³)	PM10 (ug/m³)	AQI	Level
0.0-12.0	0-54	0-50	Good
12.1-35.4	55-154	51-100	Moderate
35.5-55.4	155-254	101-150	Unhealthy for Sensitive Groups
55.5-150.4	255-354	151-200	Unhealthy
150.5-250.4	355-424	201-300	Very Unhealthy
≥250.5	≥ 425	≥ 301	Hazardous

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Operations

1. Switch On/Off

Hold the power button  2 seconds to switch on/off the detector.

Note: The detector will automatically switch off after 1 hour of inactivity. This Auto off function is disabled in graph view interface.

2. Detection

After switch on the detector, it will automatically start to detect the concentration of pollutants in the air, such as PM2.5, PM10, HCHO, etc.

3. Working Mode

In Running mode, the detector always displays current detected data.

In Hold mode, the detector paused the detection function and will stop updating data on the screen.

4. Charge Battery

Plug in the supplied USB cable to the charging port of the detector.

 : Battery full

 : Battery low. Please charge.

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Package Content

LKC-1000E/1000S/1000S+ Detector x 1
USB Cable x 1
User Manual x 1

Appendix

LKC-1000 Series

Model	Function
LKC-1000E	PM2.5 / PM10 / HCHO / Particle Count / AQI
LKC-1000S	PM2.5 / PM10 / HCHO / Particle Count / AQI / Temperature / Humidity
LKC-1000S+	PM2.5 / PM10 / HCHO / Particle Count / AQI / Temperature / Humidity / Histogram / TVOC

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