



LKC-1000S+
LKC-1000S/E

Product Description

LKC-1000 Series is a comprehensive all-in-one air quality monitor specially designed for monitoring important air parameters such as number of particles, formaldehyde, TVOC etc. It is widely use in the global market for home, office, outdoor and other applications.

Features of Product

LKC-1000S+ 2nd Generation

- 10-in-1 advance air quality monitor measures PM2.5, PM10, number of particles, AQI, Formaldehyde, TVOC, temperature and humidity, histogram and data export function.
- Adopts Temtop US, Dart UK, Senseair Sweden, Sensirion Switzerland global sensor brand, provides stable and precise measurement.
- Individual press button retrieves the status of air pollutants easily with just one click.
- Histogram function reflects the changing curve of pollutant concentration in the last 12 hours.
- Large data storage capacity, supports USB interface for data export.
- Reliable and durable with anti-drop structure engineering design. Perfect for household, office and other applications.

LKC-1000S/E

- LKC-1000S 8-in-1 advance air quality monitor measures PM2.5, PM10, number of particles, AQI, Formaldehyde, temperature and humidity, data export function.
- LKC-1000E 6-in-1 advance air quality monitor measures PM2.5, PM10, number of particles, AQI, Formaldehyde, data export function.
- Adopts Temtop US, Dart UK, Sensirion Switzerland global sensor brand, provides stable and precise measurement.
- Individual press button retrieves the status of air pollutants easily with just one click.
- The entire series equipped with a back-stand, which support handheld or desktop placement.
- Large data storage capacity, supports USB interface for data export.
- Reliable and durable with anti-drop structure engineering design. Perfect for household, office and other applications.

Technical Parameter Table

Item	LKC-1000S+ 2nd Generation	LKC-1000S	LKC-1000E
Functions	PM2.5, PM10, number of particles, AQI, Formaldehyde, TVOC, temperature and humidity, histogram	PM2.5, PM10, number of particles, AQI, Formaldehyde, histogram, temperature and humidity	PM2.5, PM10, number of particles, AQI, Formaldehyde, data export
Measurement Range	PM2.5 Sensor: Temtop laser particle sensor Range: 0~999 $\mu\text{m}/\text{m}^3$ Resolution: 0.1 $\mu\text{m}/\text{m}^3$ Accuracy: +/-10 $\mu\text{m}/\text{m}^3$ (0~100 $\mu\text{m}/\text{m}^3$) +/-10%(others)	PM10 Sensor: Temtop laser particle sensor Range: 0~999 $\mu\text{m}/\text{m}^3$ Resolution: 0.1 $\mu\text{m}/\text{m}^3$ Accuracy: +/-10 $\mu\text{m}/\text{m}^3$ (0~100 $\mu\text{m}/\text{m}^3$) +/-10% (100~500 $\mu\text{m}/\text{m}^3$)	
Measurement Range	HCHO Sensor: Dart Electromechanical Sensor Range: 0~5 mg/m^3 Resolution: 0.01 mg/m^3 Accuracy: +/-0.03 mg/m^3 (0~0.3 mg/m^3) +/-10%(others)	Temperature and Humidity Sensor: Sensirion temperature and humidity 2 in 1 sensor Range: 0~50 $^{\circ}\text{C}$ (32~122 $^{\circ}\text{F}$) Accuracy: +/-1 $^{\circ}\text{C}$ (+/-1.8 $^{\circ}\text{F}$) Range: 0~90%RH Accuracy: +/-5%RH	
Display	TFT color display		
Battery	Rechargeable lithium battery		
Charging Time	4hrs		
Voltage	DC 5V, 1A		
Working Temperature	0~50 $^{\circ}\text{C}$		
Working Humidity	0~90%RH		
Dimension	177mm*65.5mm*32mm		

Application Scenario



Indoor air quality monitoring



Outdoor air quality monitoring



Household



Business center