

Temtop

Visualize the Air Around You

Temtop

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Please kindly be noted that the specifications, functions, interfaces, etc. of the product may be different from the content shown in the manual due to improvements and upgrades. Please kindly confirm the latest information and information with your sales representative.

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INDOOR AIR QUALITY MONITOR

GLOBAL LAYOUT



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Temtop, a brand under Elitech Technology.

ABOUT TEMTOP

Temtop is under the umbrella of Elitech Technology, Inc. of the United States. Committed to providing light scattering environmental particulate matter sensor technology and related Key environmental monitoring equipment, designed to provide global users with a one-stop solution for environmental particulate monitoring.

VISUALIZE THE AIR AROUND YOU

Temtop is adhering to the principle of innovation, focusing on environmental particulate matter monitoring for decades. We have established an international technical team that is forming a global R&D cooperation environment. Temtop has always been committed to delivering advanced and innovative measurement technologies and has successively launched several products such as particle counters, aerosol monitors, and dust monitors, aiming to provide customers with reliable measurement and data analysis solutions to help global environmental health and safety.

The Temtop headquarter was established in 1996, headquartered in California and has eight molecular companies in the United Kingdom, Brazil, and Russia, focusing on the growing environmental market. There are now many environmental monitoring experts, engineers, sales representatives, and modern factories in the world, dedicated to the research and development of high-end precision instruments in the field of environmental monitoring. There are currently tens of thousands of Temtop particle monitoring equipment that are serving scientific research institutions around the world, schools, environmental monitoring, manufacturing consulting, and other industries.

SERVICE AND SUPPORT



Global
Warranty



Calibration
Service



Technical
Support



Software
and Cloud

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M2000 2nd Generation
M2000C



Product Description

M2000 series is an advanced multi-function air quality monitor for monitoring particulate matter, CO2 concentration etc. It is widely used in IAQ monitoring like home and office.

Features of Product

M2000 2nd Generation

- 9-in-1 advance air quality monitor measures PM2.5, PM10, number of particles, CO2 concentration, Formaldehyde, 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.
- Histogram function- reflects the changing curve of pollutant concentration in the last 24 hours.
- Built-in lithium battery, long stand-by time, large TFT display, better and clear in data viewing.
- Large data storage capacity, adjustable logging interval, supports USB interface for data export.
- Reliable and durable with anti-drop structure engineering design.

M2000C

- 8-in-1 advance air quality monitor measures PM2.5, PM10, number of particles, CO2 concentration, Formaldehyde, histogram and data export function.
- Adopts Temtop US, Senseair Sweden, Sensirion Switzerland global sensor brand, provides stable and precise measurement.
- Histogram function- reflects the changing curve of pollutant concentration in the last 12 hours.
- Built-in lithium battery, long stand-by time, large TFT display, better and clear in data viewing.
- Large data storage capacity, adjustable logging interval, supports USB interface for data export.
- Reliable and durable with anti-drop structure engineering design.

Technical Parameter Table

Item	M2000 2 nd Generation	M2000C
Functions	PM2.5, PM10, number of particles, CO2, concentration, Formaldehyde, temperature, and humidity, histogram, data export function	PM2.5, PM10, number of particles, CO2, concentration, histogram
Measurement Range	PM2.5 Sensor: Temtop laser particle sensor Range: 0~999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: +/-10µg/m ³ (0~100µg/m ³) +/-10%(others)	PM10 Sensor: Temtop laser particle sensor Range: 0~999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: +/- 10µg/m ³ (0~100µg/m ³) +/-10%(others)
Measurement Range	CO2 Sensor: Senseair NDIR CO2 sensor Range: 0~5,000ppm Resolution: 1ppm Accuracy: +/- (40ppm+/-3% readings)	HCHO(only for M2000) Sensor: Dart Electromechanical Sensor Range: 0~2mg/m ³ Resolution: 0.001mg/m ³ Accuracy: +/-0.03mg/m ³ (0~0.3mg/m ³) +/-10%(others)
Display	TFT color display	
Battery	Rechargeable lithium battery	
Charging Time	4hrs	
Voltage	DC 5V, 1A	
Working Temperature	0~50°C	
Working Humidity	0~90%RH	
Dimension	223.5mm*73.5mm*37.5mm	

Application Scenario



Indoor air quality monitoring



Outdoor air quality monitoring



Household



Business center



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



H3

Product Description

H3 is handheld air quality monitor that focuses on formaldehyde (HCHO) and Total Volatile Organic Compound (TVOC). It is widely used in bedroom and office, providing continuous reading on HCHO and TVOC, and it will help a lot to monitor the air quality environment.

Features of Product

- H3 3-in-1 advance air quality monitor measures HCHO and TVOC.
- Adopts Dart UK global sensor brand, provides stable and precise measurement.
- Individual press button retrieves the status of air pollutants easily with just one click.
- Equipped with a back-stand, which support handheld or desktop placement.
- Reliable and durable with anti-drop structure engineering design. Perfect for household, office and other application.
- Calibration function.

Technical Parameter Table

Item	H3
Functions	HCHO, TVOC, Calibration
Measurement Range	<p>HCHO Sensor: Dart Electromechanical Sensor Range: 0~5mg/m³ Resolution: 0.01mg/m³ Accuracy: +/-0.03mg/m³(0~0.3mg/m³) +/-10%(others)</p>
Display	TFT color display
Battery	Rechargeable lithium battery
Charging Time	4hrs
Voltage	DC 5V, 1A
Working Temperature	0~50°C
Working Humidity	0~90%RH
Dimension	177mm*65.5mm*32mm

Application Scenario



Indoor air quality monitoring



Decoration contractor



Furniture Supplies



Business center



P200 P600

Product Description

P200 and P600 are handheld air quality monitor that focus on particles concentration. It is widely used in bedroom and office, providing continuous reading on PM2.5 and PM10, and it will help a lot to monitor the air quality environment.

Features of Product

P200

- 2-in-1 advanced air quality monitor measures PM2.5 and PM10.
- Adopts Temtop US global sensor brand, provides stable and precise measurement.
- Individual press button retrieves the status of air pollutants easily with just one click.
- LCD screen with backlight, replaceable AA batteries, portable and convenient.
- Reliable and durable with anti-drop structure engineering design. Perfect for household, office, and other applications.

P600

- 3-in-1 advanced air quality monitor measures PM2.5 and PM10.
- Adopts Temtop US 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.
- Equipped with a back-stand, which support handheld or desktop placement.
- Reliable and durable with anti-drop structure engineering design. Perfect for household, office and other application.

Technical Parameter Table

Item	P200	P600
Functions	PM2.5, PM10	PM2.5, PM10, histogram
Measurement Range	<p>PM2.5 Sensor: Temtop laser particle sensor Range: 0~999$\mu\text{m}/\text{m}^3$ Resolution: 0.01$\mu\text{m}/\text{m}^3$(0~9.99$\mu\text{m}/\text{m}^3$) 0.1$\mu\text{m}/\text{m}^3$(10~99.9$\mu\text{m}/\text{m}^3$) 1$\mu\text{m}/\text{m}^3$(others) Accuracy: +/-10$\mu\text{m}/\text{m}^3$(0~100 ug/m^3)</p>	<p>CO2 Sensor: Senseair NDIR CO2 sensor Range: 0-5,000ppm Resolution: 1ppm</p>
Display	TFT color display	LCD
Battery	Rechargeable lithium battery	AA battery
Charging Time	4hrs	/
Voltage	DC 5V, 1A	/
Working Temperature	0~50°C	0~50°C
Working Humidity	0~90%RH	0~90%RH
Dimension	177mm*65.5mm*32mm	177mm*65.5mm*32mm

Application Scenario



Indoor air quality monitoring



Outdoor air quality monitoring



Household



Business center



Airing-1000 2nd Generation

Product Description

PAiring-1000 2nd Generation is a handheld particles concentration monitor for particulate quality monitoring. It is widely used in applications such as business building and industrial air quality monitoring. It is the best choice for monitoring the concentration of particulate matter in the global commercial and industrial use.

Features of Product

- 6-in-1 handheld particulate matter monitor measures PM2.5, PM10, temperature and humidity, histogram and data export function.
- Adopt Temtop, Sensirion global sensor brand, specially air duct design for high precision measurement.
- Histogram function- reflects the changing curve of pollutant concentration in the last 12 hours.
- Built-in lithium battery, long stand-by time, large TFT display, better and clear in data viewing.
- Ergonomic designed handheld device.
- Reliability and durability- suitable for commercial and industrial applications.

Technical Parameter Table

Item	Airing-1000 2nd Generation	
Functions	PM2.5, PM10, Temperature and humidity, Histogram	
Measurement Range	PM2.5 Sensor: Temtop laser particle sensor Range: 0~999µm/m ³ Resolution: 0.1µm/m ³ Accuracy: +/-10µm/m ³ (0~100µg/m ³) +/-10%(others)	PM10 Sensor: Temtop laser particle sensor Range: 0~999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: +/-10µg/m ³ (0~100µg/m ³) +/-10%(others)
	Temperature Sensor: Sensirion temperature & humidity 2-in1 sensor Range: 0~50°C(32~122°F) Accuracy: +/-1°C(+/-1.8°F)	Humidity Sensor: Sensirion temperature & humidity 2-in1 sensor Range: 0~90%RH Accuracy: +/-5%RH
Measurement Range		
Display	TFT color display	
Battery	Rechargeable lithium battery	
Charging Time	4hrs	
Voltage	DC 5V, 1A	
Working Temperature	0~50°C	
Working Humidity	0~90%RH	
Dimension	228mm*120mm*88mm	

Application Scenario



Indoor air quality monitoring



Outdoor air quality monitoring



Industrial site



Business center



Product Description

M10 series are desktop all-in-one air quality monitors, mainly designed for household/ offices applications. It is widely used in household, offices, vehicles etc. which need long term indoor air quality monitoring or any mobile site.

Features of Product

M10i

- 5-in-1 small in size wireless air quality monitor measures PM2.5, Formaldehyde, TVOC, AQI and wireless function.
- Real-time monitoring air quality, AQI, whether of the day via Temtop APP. Support iPhone® and Android™ .
- Adopts Temtop US, Dart UK, Sensirion Switzerland global sensor brand, provides stable and precise measurement.
- Unique cube design, with special sampling air duct and calibration button on the back of the device.
- Three color air quality indicator, multiple function single button on top of the device.

M10

- 4-in-1 small in size air quality monitor measures PM2.5, Formaldehyde, TVOC and AQI.
- Adopts Temtop US, Dart UK global sensor brand, provides stable and precise measurement.
- Unique cube design, with special sampling air duct and calibration button on the back of the device.
- Three color air quality indicator, multiple function single button on top of the device.
- Built-in 22mAh rechargeable lithium battery.

P10

- 2-in-1 small in size air quality monitor measures PM2.5 and AQI.
- Adopts Temtop US, Dart UK global sensor brand, provides stable and precise measurement.
- Unique cube design, with special sampling air duct and calibration button on the back of the device.
- Three color air quality indicator, multiple function single button on top of the device.

Technical Parameter Table

Item	M10i	M10	P10
Functions	PM2.5, HCHO, TVOC, AQI	PM2.5, HCHO, TVOC, AQI	PM2.5, AQI
Measurement Range	PM2.5 Sensor: Temtop laser particle sensor Range: 0~999 μm^3 Resolution: 0.1 μm^3 Accuracy: +/-10 μm^3 (0~100 μm^3) +/-10%(others)	HCHO Sensor: Dart Electromechanical Sensor Range: 0~2 mg/m^3 Resolution: 0.001 mg/m^3 Accuracy: +/-0.03 mg/m^3 (0~0.3 mg/m^3) +/-10%(others)	
Display	LCD Screen		
Battery	Rechargeable lithium battery		
Charging Time	4hrs		
Communication Interface	WiFi 2.4GHz	/	/
Voltage	DC 5V; 1A		
Working Temperature	0~50°C		
Working Humidity	0~90%RH		
Dimension	82mm*82mm*31mm		

Application Scenario



Indoor air quality monitoring



Outdoor air quality monitoring



Household



Business center



Product Description

M1000 and P1000 are Air Station series that specially designed for household applications. It is an all-in-one wall mounted air quality monitor, measures PM2.5, PM10, CO2, HCHO, TVOC, temperature and humidity. It could be either mounted on wall or place on desk.

Features of Product

M1000

- M1000 5-in-1 advanced air quality monitor measures HCHO, PM2.5, TVOC, temperature and humidity.
- Adopt Temtop US, Dart UK, Sensirion Switzerland global sensor brand, provides stable and precise measurement.
- Built-in lithium battery, long stand-by time and support long hours of charging.
- Large VA display, clear data viewing from a distance.

P1000

- P1000 5-in-1 advanced air quality monitor measures PM2.5, PM10, CO2, temperature and humidity.
- Adopt Temtop US, Dart UK, Sensirion Switzerland global sensor brand, provides stable and precise measurement.
- Built-in lithium battery, long stand-by time and support long hours of charging.
- Large VA display, clear data viewing from a distance.

Technical Parameter Table

Item	M1000	P1000
Functions	HCHO, PM2.5, TVOC, temperature and humidity	PM2.5, PM10, CO2, temperature and humidity
Measurement Range	PM2.5 Sensor: Temtop laser particle sensor Range: 0~999µm/m ³ Resolution: 0.1µm/m ³ Accuracy: +/-10µm/m ³ (0~100µm/m ³) +/-10%(others)	PM10 Sensor: Temtop laser particle sensor Range: 0~999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: +/-10µg/m ³ (0~100µg/m ³) +/-10% (100~500µg/m ³)
Measurement Range	HCHO Sensor: Dart Electromechanical Sensor Range: 0~5mg/m ³ Resolution: 0.01mg/m ³ Accuracy: +/-0.03mg/m ³ (0~0.3mg/m ³) +/-10%(others)	Temperature and Humidity Sensor: Sensirion temperature and humidity 2 in 1 sensor Range: 0~50°C(32~122°F) Accuracy: +/-1°C(+/-1.8°F) Range: 0~90%RH Accuracy: +/-5%RH
Display	VA LCD Screen	
Battery	Rechargeable lithium battery	
Charging Time	4hrs	
Voltage	DC 5V, 1A	
Working Temperature	0~50°C	
Working Humidity	0~90%RH	
Dimension	260mm*139mm*33mm	

Application Scenario



Indoor air quality monitoring



Outdoor air quality monitoring



Household



Business center



P20 P20C

Product Description

P20 series is a new Air Station series, specially designed for household applications. It is an all-in-one wall mounted air quality monitor, measures PM2.5, temperature and humidity and non-industrial grade environmental indicators.

Features of Product

P20

- 5-in-1 wall mounted air quality monitor measures PM2.5, temperature and humidity, histogram and data export function.
- Adopt Temtop US, Sensirion Switzerland global sensor brand, provides stable and precise measurement.
- Large data storage capacity, support USB interface for data export, visually analyze the surrounding air quality.
- Histogram function- reflects the changing curve of pollutant concentration in the last 12 hours.
- Built-in lithium battery, long stand-by time and support long hours of charging.
- Large VA display, clear data viewing from a distance.

P20C

- 5-in-1 wall mounted air quality monitor measures PM2.5, CO2, temperature and humidity, and data export function.
- Adopts Temtop US, Senseair Sweden, Sensirion Switzerland global sensor brand, provides stable and precise measurement.
- Large data storage capacity, support USB interface for data export, visually analyze the surrounding air quality.
- Histogram function- reflects the changing curve of pollutant concentration in the last 12 hours.
- Built-in lithium battery, long stand-by time and support long hours of charging.
- Large VA display, clear data viewing from a distance.

Technical Parameter Table

Item	P20	P20C
Functions	PM2.5, Temperature and humidity, histogram, data export	PM2.5, Temperature and humidity, CO2, data export
Measurement Range	PM2.5 Sensor: Temtop laser particle sensor Range: 0~999 $\mu\text{m}/\text{m}^3$ Resolution: 0.01 $\mu\text{m}/\text{m}^3$ (0~9.99 $\mu\text{m}/\text{m}^3$) 0.1 $\mu\text{m}/\text{m}^3$ (10~99.9 $\mu\text{m}/\text{m}^3$) 1 $\mu\text{m}/\text{m}^3$ (others) Accuracy: +/-10 $\mu\text{m}/\text{m}^3$ (0~100 $\mu\text{g}/\text{m}^3$) +/-10% (others)	CO2 Sensor: Senseair NDIR CO2 sensor Range: 0-5,000ppm Resolution: 1ppm Accuracy: +/- (40ppm +/- 3% readings)
Measurement Range	Temperature Sensor: Sensirion temperature & humidity 2-in1 sensor Range: 0~50 $^{\circ}\text{C}$ (32~122 $^{\circ}\text{F}$) Accuracy: +/-1 $^{\circ}\text{C}$ (+/-1.8 $^{\circ}\text{F}$)	Humidity Sensor: Sensirion temperature & humidity 2-in1 sensor Range: 0~90%RH Accuracy: +/-5%RH
Display	VA LCD Screen	
Battery	Rechargeable lithium battery	
Charging Time	4hrs	
Voltage	DC 3.7V, 1A	
Working Temperature	0~50 $^{\circ}\text{C}$	
Working Humidity	0~90%RH	
Dimension	260mm*139mm*33mm	

Application Scenario



Indoor air quality monitoring



Outdoor air quality monitoring



Household



Business center



P15

Product Description

P15 is a desktop thermometer with PM2.5 monitoring. Adopts a large touch screen, it is widely used in household, offices etc. which need temperature, humidity, indoor air quality monitoring.

Features of Product

- 3-in-1: temperature, humidity, and PM2.5.
- Adopts Temtop US and Sensirion sensor brand, provides stable and precise measurement.
- Touch screen and backlight provides clear readings on particle pollutants and its relative AQI level icon.
- Designed with special sampling air duct and calibration button on the back of the device.

Technical Parameter Table

Item	P15	
Functions	PM2.5, Temperature and humidity	
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 $\mu\text{g}/\text{m}^3$) +/-10%(others)	PM10 Sensor: Temtop laser particle sensor Range: 0~999 $\mu\text{g}/\text{m}^3$ Resolution: 0.1 $\mu\text{g}/\text{m}^3$ Accuracy: +/-10 $\mu\text{g}/\text{m}^3$ (0~100 $\mu\text{g}/\text{m}^3$) +/-10%(others)
	Temperature Sensor: Sensirion temperature & humidity 2-in1 sensor Range: 0~50°C(32~122°F) Accuracy: +/-1°C(+/-1.8°F)	Humidity Sensor: Sensirion temperature & humidity 2-in1 sensor Range: 0~90%RH Accuracy: +/-5%RH
Display	4.6" tough screen	
Battery	Rechargeable lithium battery/1800mAh	
Charging Time	8hrs	
Voltage	DC 5V, 1A	
Working Temperature	0~50°C	
Working Humidity	0~90%RH	
Dimension	155mm*92mm*80mm	

Application Scenario



Indoor air quality monitoring



Outdoor air quality monitoring



Industrial site

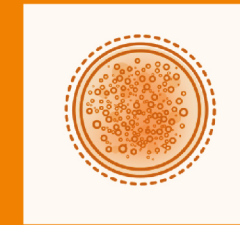


Business center

MAIN POLLUTANTS IN AIR

Our physical and psychological wellbeing is affected differently by the kind of air pollution we are exposed to. There are many organs and bodily functions that can be harmed, the consequences including:

- Respiratory diseases
- Irritation of the eyes, nose and throat
- Fatigue headaches and anxiety
- Harm to the liver, spleen and blood
- Cardiovascular damage
- Damage to reproductive organs
- Nervous system damage



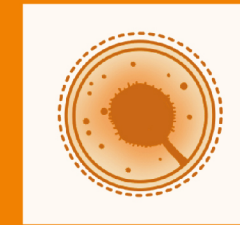
PM_{0.3}

Ultrafine viruses and particles



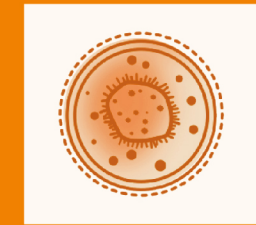
PM_{2.5}

Industrial emissions



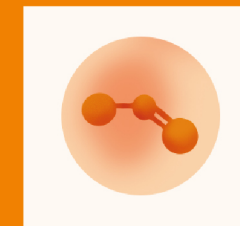
PM_{5.0}

Bacteria and mold



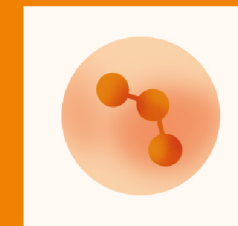
PM₁₀

Plant allergens and pollen



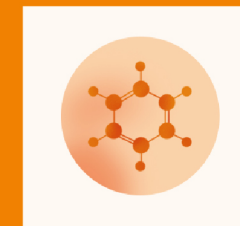
NO₂

Vehicles exhausts and gas stove



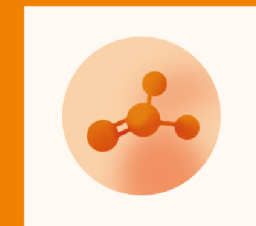
O₃

Vehicles exhausts, industrial emissions and combustion



Benzene

Fuel combustion, transportation



Formaldehyde

Building materials, wall coating

