

# ionmax Q10

## Air Quality Monitor

**1 YEAR**  
WARRANTY



Enhance your indoor air quality awareness with the Ionmax Q10 Air Quality Monitor. This advanced device measures PM2.5, TVOC, CO<sub>2</sub>, humidity, and temperature, providing comprehensive insights at a glance. Its high-contrast display ensures readability in any lighting, while the four-colour air quality index highlights health impacts clearly.

With rapid detection times—PM2.5 in 2 seconds, TVOC in 1 second, and CO<sub>2</sub> in 1 second—and industrial-grade calibration, the Q10 delivers precise and reliable readings. Stylish, silent, and energy-efficient, its patent-pending aero-driving system makes it a perfect fit for any space.



### GET ESSENTIAL AIR QUALITY METRICS

Monitor air quality metrics including PM2.5, TVOC, CO<sub>2</sub>, temperature and humidity with quick response time.



### COMPLETELY SILENT

Fanless design guarantees complete silence and minimal energy consumption.



### EASY-TO-READ DISPLAY

Perfect readability in all lighting conditions, thanks to its 160-degree viewing angle.

Stay informed and breathe confidently with the Ionmax Q10

	Good	Moderate	Polluted	Unhealthy
<b>PM2.5</b> (µg/m <sup>3</sup> )	0~<12	12~<35	35~<55	55~
<b>TVOC</b> (ppm)	0~<0.2	0.2~<0.6	0.6~<2.2	2.2~
<b>CO<sub>2</sub>*</b> (ppm)	400~<700	700~<1000	1000~3000	3000~



\*CO<sub>2</sub> is calculated from Ethanol and H<sub>2</sub> measurements, and may slightly differ from the actual CO<sub>2</sub> value.



For more information please contact Ionmax's office:  
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# Key factors to consider when monitoring your air quality



## PM2.5 PARTICULATE MATTER

Fine particulate matter that is 2.5 micrometers or smaller in diameter, which can penetrate deep into the lungs and even enter the bloodstream. Monitoring PM2.5 levels is crucial as prolonged exposure can lead to serious health issues, including respiratory and cardiovascular problems.



## TOTAL VOLATILE ORGANIC COMPOUNDS (TVOC)

A group of organic chemicals that can evaporate into the air, often emitted from household products like paints, cleaners, and furniture. Tracking TVOC levels helps identify potential sources of indoor pollution, ensuring a healthier living environment free from harmful fumes.



## CARBON DIOXIDE (CO<sub>2</sub>)

Elevated Carbon Dioxide (CO<sub>2</sub>) levels can indicate poor ventilation and overcrowding, leading to decreased cognitive function and increased feelings of drowsiness or discomfort. Regularly monitoring CO<sub>2</sub> concentrations ensures optimal air quality and promotes alertness and productivity in indoor spaces.



## TEMPERATURE

Maintaining a comfortable temperature in your home is essential for overall well-being and productivity. Monitoring temperature helps you create a pleasant indoor environment, reducing stress on your body and enhancing comfort throughout the day.



## HUMIDITY

Humidity levels significantly affect indoor air quality, impacting everything from comfort to mould growth. By keeping track of humidity levels, you can prevent excessive moisture that promotes allergens like dust mites and mould while also ensuring your environment remains comfortable and healthy.



## SPECIFICATION

<b>Model No.</b>	ION-AQM-Q10	<b>Display</b>	3.5" 320 x 480 TFT LCM 160° wide viewing angle
<b>Detection Range</b>	PM2.5: 0 ~ 500µg/m <sup>3</sup> TVOC: 0~20ppm (0.01~2.99ppm displayed in 2 decimals; 3.0~20.0 in 1 decimal) CO <sub>2</sub> * : 400~3500ppm Temperature: 0~60°C Humidity: 0~99%RH	<b>Power Input</b>	5V DC USB-C
	*CO <sub>2</sub> on this device is calculated from Ethanol and H <sub>2</sub> measurements, and may slightly differ from the actual CO <sub>2</sub> value.	<b>Response Time</b>	PM2.5: 2 seconds TVOC: 1 second CO <sub>2</sub> : 1 second
		<b>Net Weight</b>	0.215kg
		<b>Dimension</b>	146 (H) x 84 (W) x 75 (D) mm
		<b>Warranty</b>	1 year warranty



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