



LASER EGG 2+

The smart air quality monitor for PM2.5 and TVOC



DESIGNED TO HELP YOU ENSURE YOUR HOME IS AS CLEAN AND AS SAFE AS YOU WANT IT TO BE.



Combined air quality index for TVOC and PM2.5

PM2.5 concentration, used to calculate the AQI

Particle count, temperature, and humidity

Local weather forecast

KEY FEATURES:

- Measures TVOC in parts per million (PPM) and PM2.5
- TVOC includes gasses such as formaldehyde, benzene, and chlorofluorocarbons
- Has a combined air quality index that takes into account both PM2.5 and TVOC so that you always know which one is higher and how to ensure your home has the best air quality.

1. Real-time measurements of PM2.5 levels; measurements are being taken every 0.1 seconds and can be displayed on the LCD screen in AQI (including US EPA Standards and Chinese Standards and more coming soon.)
2. Features Apple HomeKit technology so that you can control your air purifiers and other HomeKit products with it using HomeKit-enabled smart plugs through the Home app on your iPhone or iPad.
3. Easy-to-use user interface and experience for all ages. Display all the home air quality data you need such as temperature, humidity and even weather forecasts.

OUR CLIENTS INCLUDE:



ONE DEVICE TO CONTROL YOUR HOME

Once connected, the Laser Egg 2+ can seamlessly control other smart home devices to ensure that air quality is maintained at a good level. Customizations can also be done using the accompanying app to manage settings for alarms, language, AQI standards and more.





Material	: ABS plastic	TVOC measurement principle	: MEMS metal oxide semiconductor sensor technology
Colour	: White + silver ring	TVOC measurement range	: 125 - 600 ppb (relative). Readings above 600ppb also displayed
Connection	: Wi-Fi (2.4Ghz)	TVOC warm-up period	: 5 minutes after start up
Other connectivity	: Apple HomeKit technology	TVOC features	: automatic baseline correction
Screen	: 2.6" full colour LCD	Temperature measurement range	: -20 - 125°C
Battery	: 2300mAh Lithium (~8 hours)	Temperature accuracy	: ±0.3°C
Input voltage	: DC-5V	Temperature resolution	: 1°C
Input current	: 1A	Temperature response time	: 2s
Dimensions	: 106*88mm	PM2.5 measurement principle	: Laser-based light scattering (mie)
Weight	: 285g	PM2.5 measurable particle size	: 0.3µm - 10µm
PM2.5 measurement principle	: Laser-based light scattering (mie)	PM2.5 measurement range (AQI)	: 1-500
PM2.5 measurable particle size	: 0.3µm - 10µm	PM2.5 measurement range (PM2.5 concentration)	: 1-999µg/m ³
PM2.5 measurement range (AQI)	: 1-500	PM2.5 resolution	: 1µg/m ³
PM2.5 measurement range (PM2.5 concentration)	: 1-999µg/m ³	PM2.5 accuracy	: ±10%
PM2.5 resolution	: 1µg/m ³	PM2.5 response time	: 100ms
PM2.5 accuracy	: ±10%	Relative humidity measurement range	: 0-100%
PM2.5 response time	: 100ms	Relative humidity accuracy	: ±3%
		Relative humidity resolution	: ±1%
		Relative humidity response time	: 8s
		Supported operating systems	: iOS8 and up, Android 4.2 and up.

LASER EGG 2+ CAN BE USED IN THE FOLLOWING SCENARIOS:



When choosing renovation materials



After renovation during the period when you let the smell dissipate



After you move in, you can ensure your home off-gassing is within safe limits