



# Cair +

## Indoor Air Quality Monitor

With advanced sensors, it precisely measures key air quality parameters, empowering users to manage and improve the air they breathe.

Brochure 2024-25



# About Us

Purelogic Labs is our venture which was founded in 2017 wherein we render personalized solutions to innovative ideas for discrete environmental problems. The company came into existence to increase awareness about the growing levels of air pollution which have reached an alarming stage in India.

We have two separate divisions which come under Purelogic Labs, that is **AQI** and **Prana Air**.

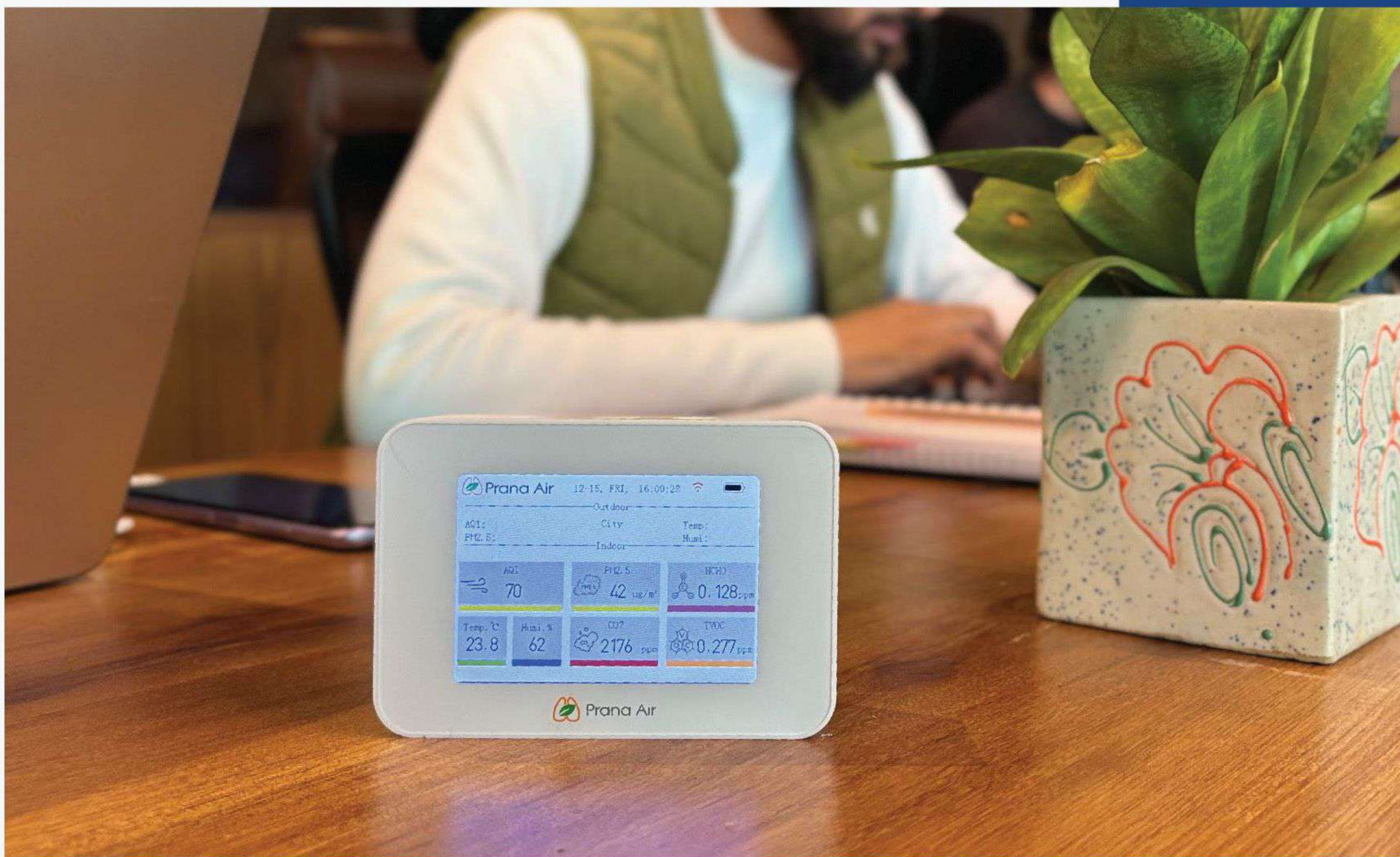
## Trusted by



And many more

# Cair +

The Cair + offers a versatile solution by being installable in different areas within a house. It diligently collects data, presenting a comprehensive overview on our AQI app. This functionality proves invaluable in not only identifying sources of indoor pollution but also in enabling proactive measures to reduce or eliminate such pollutants.



WiFi Connectivity



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# Measures Parameters

An advanced and versatile tool, adept at comprehensively monitoring an array of pollutants.



Air Quality Index



Particulate Matter (PM1)



Particulate Matter (PM2.5)



Particulate Matter (PM10)



Carbon Dioxide (CO<sub>2</sub>)



Formaldehyde (HCHO)



Total Volatile Organic Compounds



Temperature



Humidity



Particle Count (0.3µm)



Particle Count (0.5µm)



Particle Count (1µm)



Particle Count (2.5µm)



Particle Count (5µm)



Particle Count (10µm)



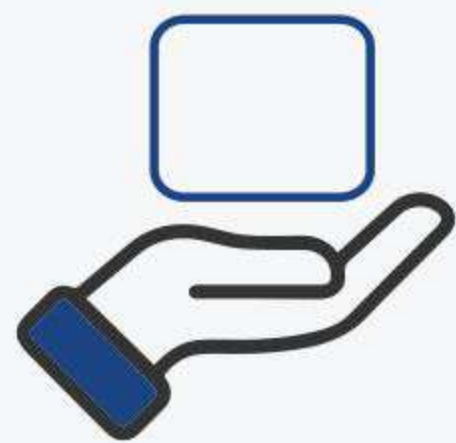
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# Qualitative Features

These attributes showcase the device's effectiveness and reliability in providing accurate insights into the air you breathe. Explore the following characteristics that set Cair+ apart in monitoring and ensuring a healthier indoor environment :



Wi-Fi  
Connectivity



Compact  
Monitor



Interactive  
Dashboard



1600 mAh  
battery



Micro SD  
Card Storage



Colored  
LED Display

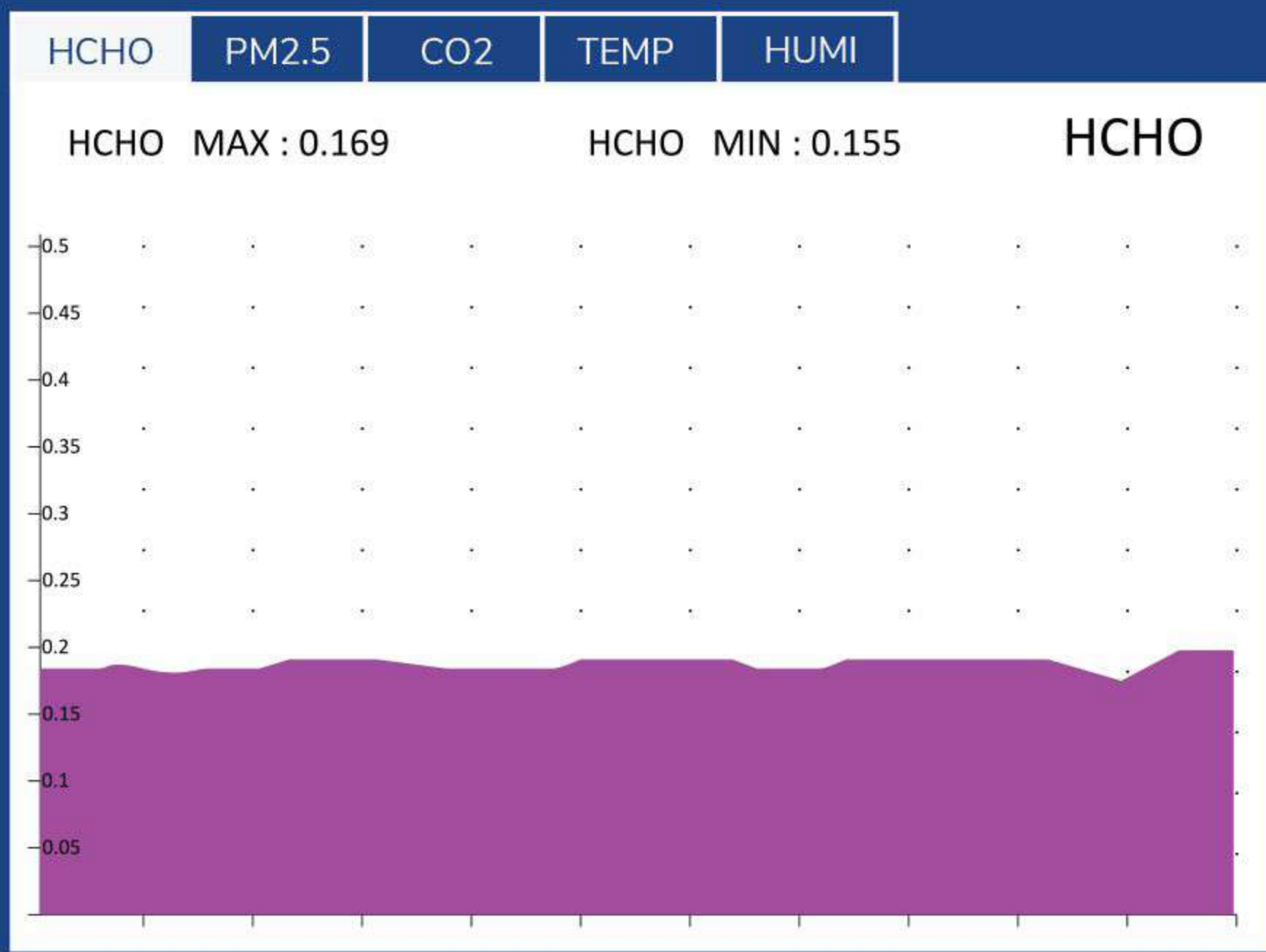


Type-C  
USB Cable



Real-Time  
Monitoring





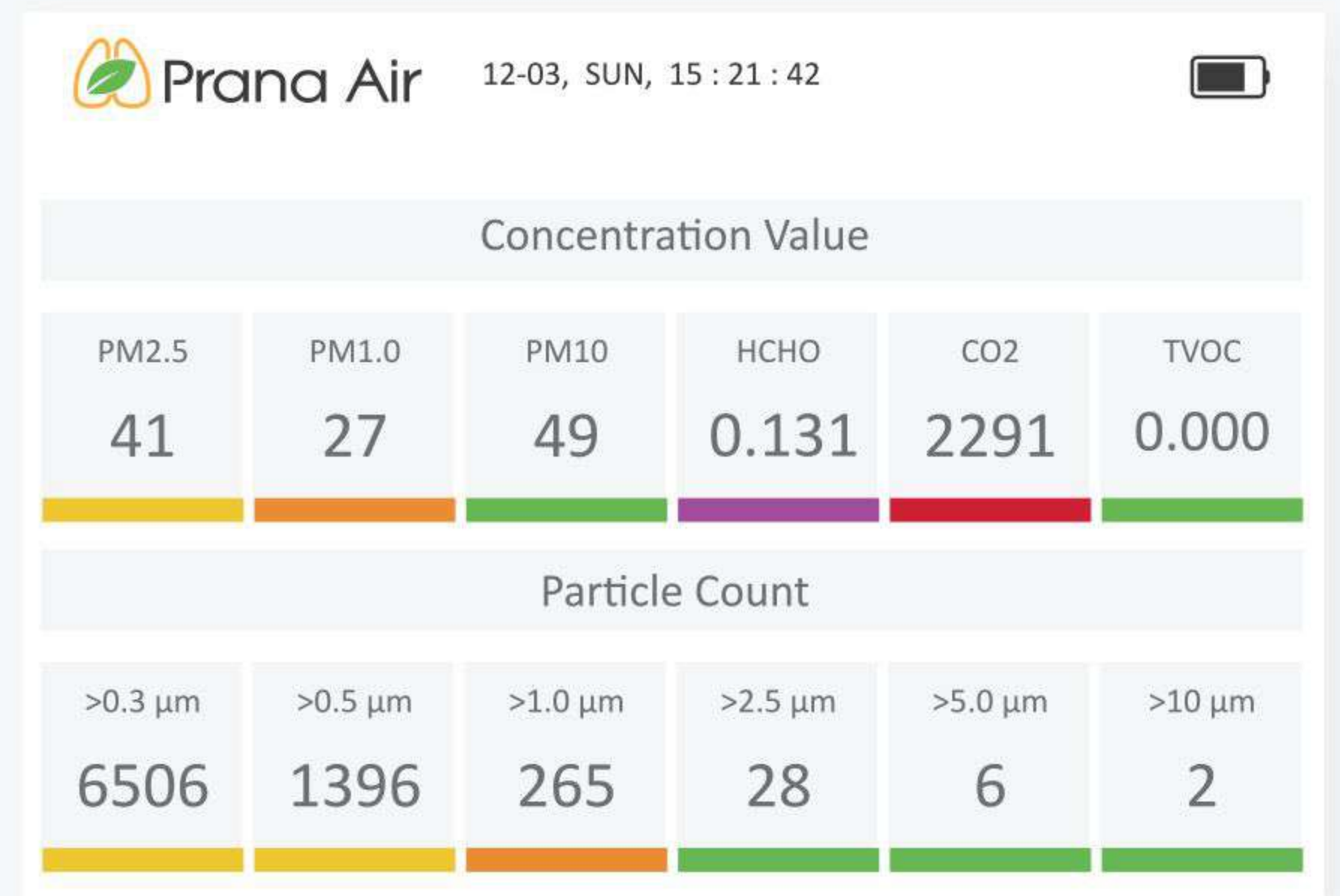
Historic Graphs

**Air Quality Parameters**

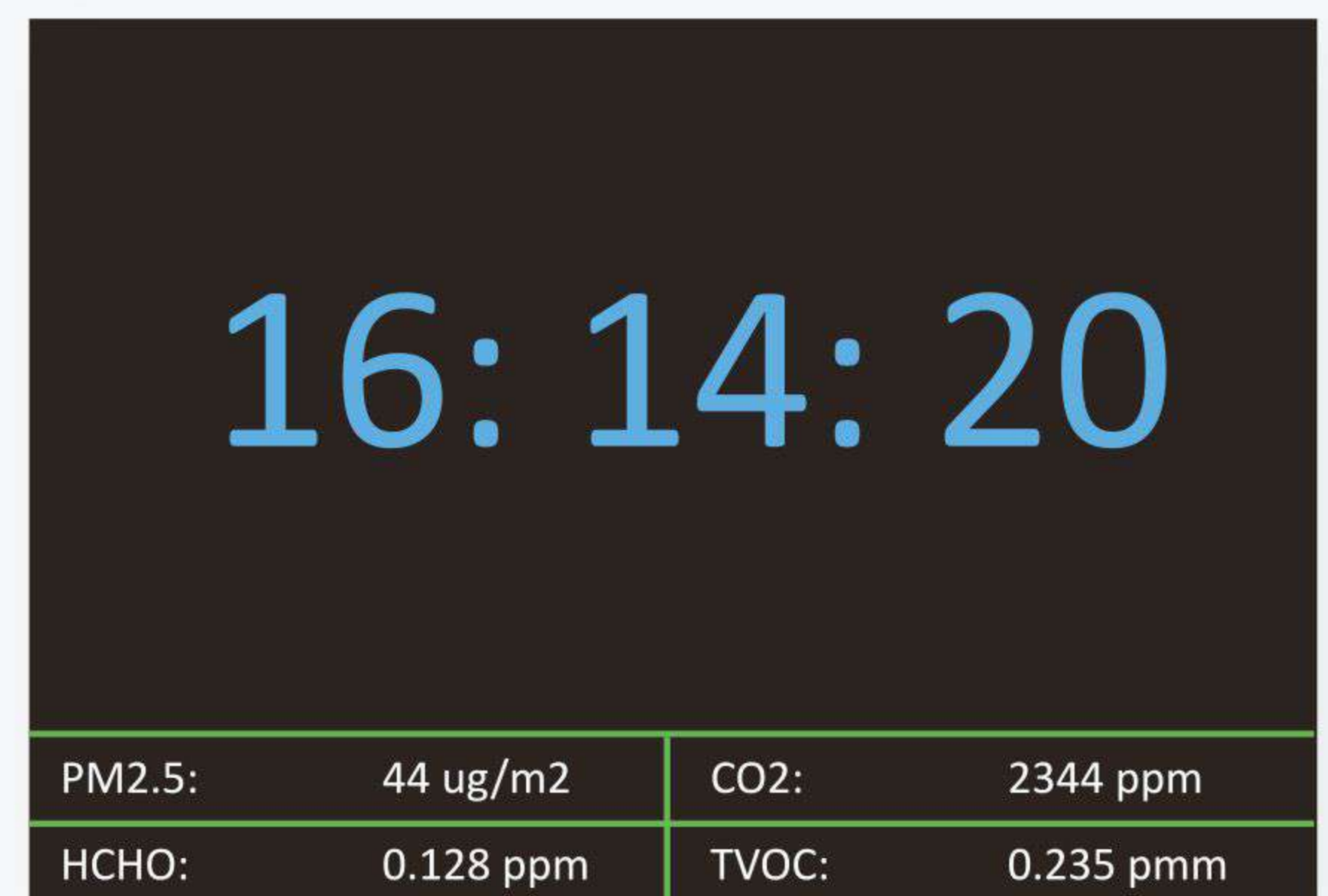
	AQI	PM1	PM2.5	PM10	CO2	HCHO	TVOC
Good	<50	<10	<30	<50	<600	<0.025	<0.060
	<100	<20	<60	<100	<800	<0.050	<0.220
Poor	<150	<40	<90	<250	<1000	<0.100	<0.660
	<200	<60	<120	<350	<1200	<0.200	<1.000
Severe	<300	<90	<250	<430	<1500	<0.350	<2.220
	300+	90+	250+	430+	1500+	0.350+	2.220+

Prana Air

Parameter Range



Concentrated Values



Screen saver

# Type Of Screens

The Cair + air quality monitor is characterized by a diverse range of colored LED screens, each contributing to a unique and visually intuitive user experience.



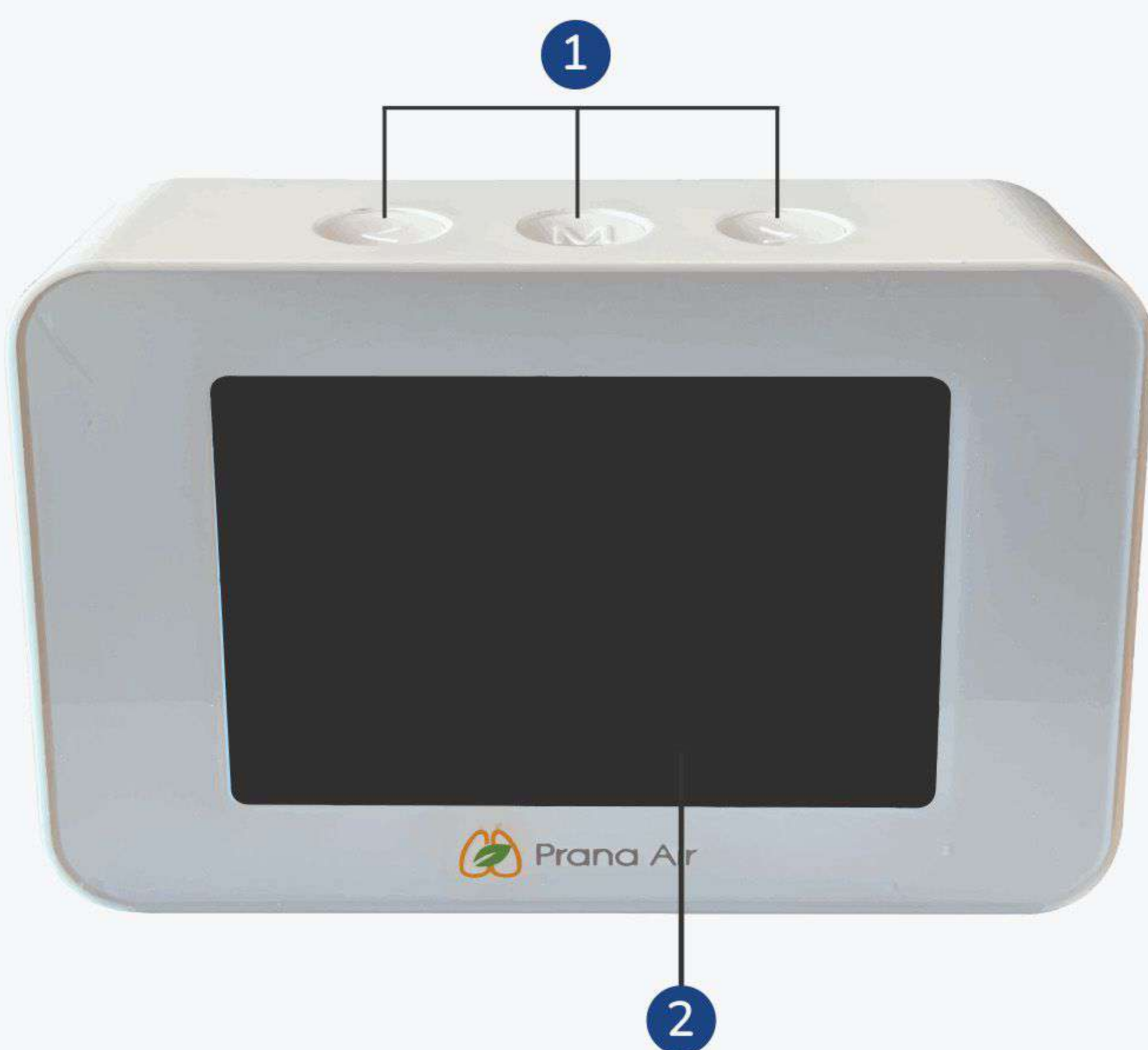
Main Screen

# Transform Your Monitor into a **CLOCK**

Activating the Screen saver mode on the device seamlessly transitions it into a clock and also integrates the display of Air Quality Index (AQI) data.



# Labelling



- ① Operations Buttons
- ② Colored LED Display
- ③ Type-C Charging Slot
- ④ Micro SD Card Slot
- ⑤ Air Inlet

## INSTRUCTIONS TO USE

1. Avoid directing exhaled air directly onto the monitor.
2. During the initial period, CO<sub>2</sub> levels may be elevated; keep it continuously on for 8 days to to achieve stabilization.
3. TVOC and HCHO levels may take up to 72 hours to stabilize initially.

**Note :**

If the screen appears scratched, it is likely the screen protector. Please remove the screen protector.



# Sensor Specifications

Parameters	Sensor Type	Range	Resolution	Accuracy
Particulate Matter (10, 2.5 and 1)	90° Light Scattering	0 to 2000 $\mu\text{g}/\text{m}^3$	1 $\mu\text{g}/\text{m}^3$	0-150 $\mu\text{g}/\text{m}^3$ is for $\pm 10\%$ & for 150 $\mu\text{g}/\text{m}^3$ onwards is $\pm 15\%$
Temperature	Digital Sensor	0 to 60 °C	0.1°C	$\pm 5^\circ\text{C}$
Relative Humidity	Digital Sensor	0 to 100% RH	1% RH	$\pm 3\%$ RH
Carbon Dioxide (CO <sub>2</sub> )	Non Dispersive Infrared (NDIR)	1 to 5000ppm	1ppm	$\pm 3\%$ or $\pm 50\text{ppm}$
Total Volatile Organic Compounds (TVOCs)	Metal Oxide Semiconductor Sensor (MOS)	0 to 9ppm	0.01ppm	$\pm 3\%$
Formaldehyde (HCHO)	Electrochemical	0 to 2ppm	0.01ppm	$\pm 3\%$

## Device Specifications

### Dimensions

11 x 3.4 x 7.5 (in cm)

### Weight

175 g

### Power Supply

Type-C USB

### Display

Color LED Display

### Storage

Micro SD Card Storage + Cloud Storage (with AQI Dashboard)

### Connectivity

Wi-Fi (2.4Ghz)

### Mobile App

AQI (available on ios and android)

### Color

Ivory

# AQI Mobile Application

Download the AQI App



Facilitating your ability to make well-informed decisions effortlessly, no matter your location or the time of day, our platform ensures seamless access to the essential data you require.



Air quality API for accurate global data



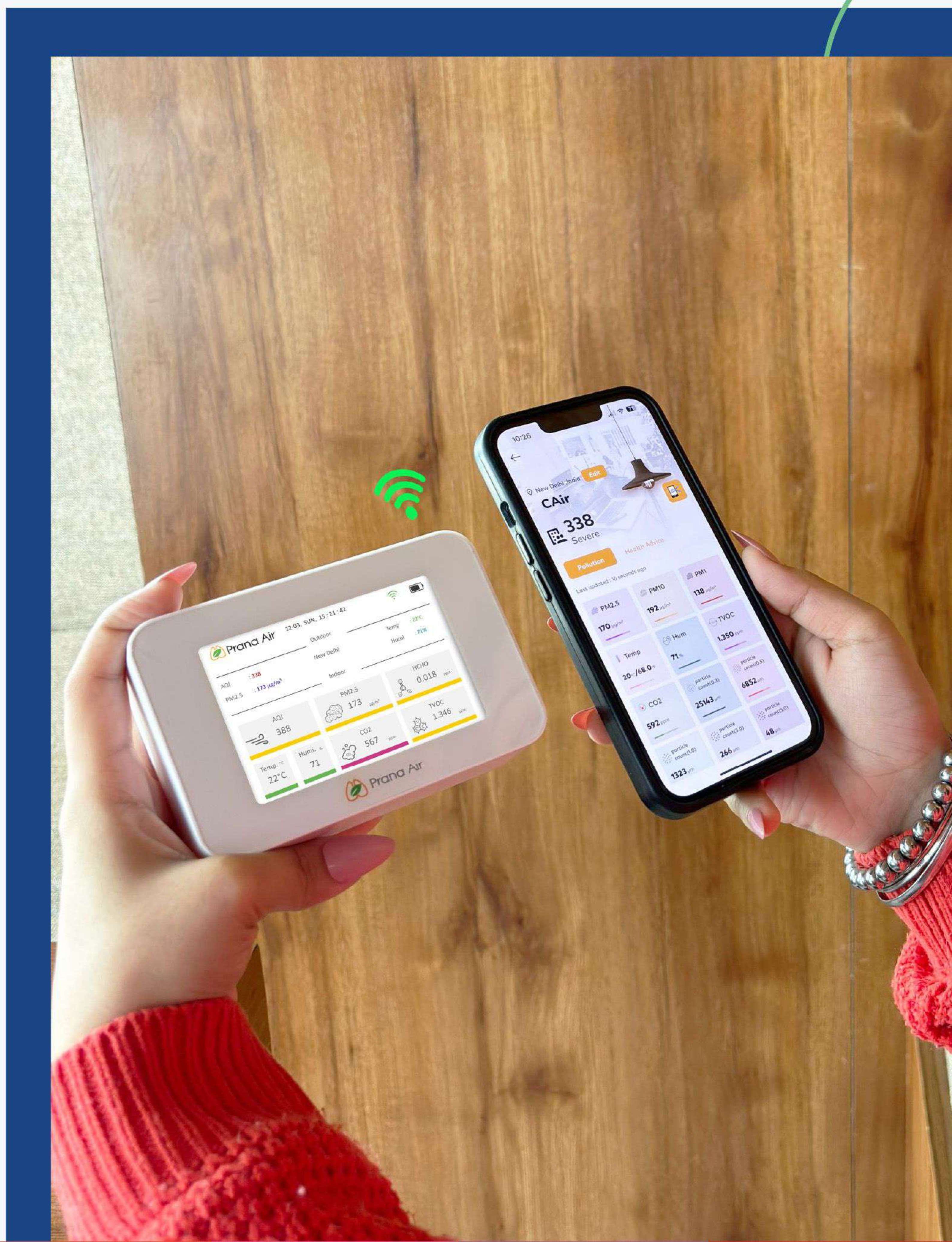
Real-time and historic data



World air pollution map and weather map



Health advice according to the air pollution level



# AQI Web Dashboard

Empowering individuals with the capability to make knowledgeable decisions effortlessly, regardless of their location or the time of day, our platform stands as a reliable facilitator, providing seamless access to the essential data required for informed choices.



24\*7 remote access to the monitored data



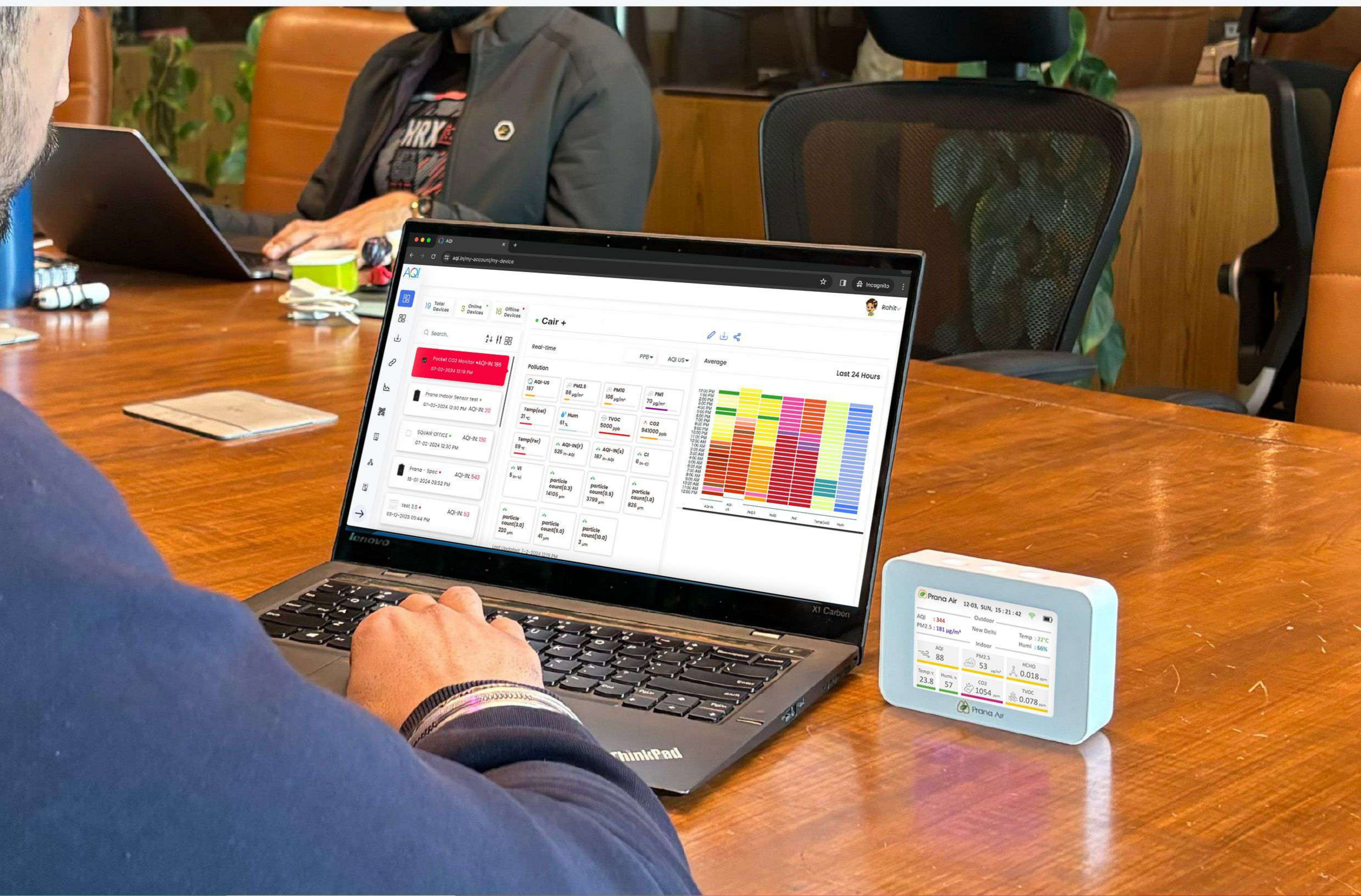
Insightful Air quality monitoring dashboard



Export recorded data anytime anywhere



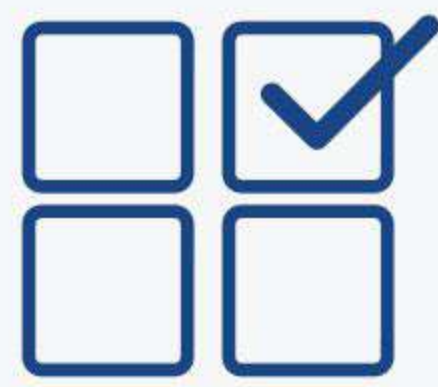
Compare different AQI levels of two or more location



# AQI TV Application



Easily enhance your environmental awareness by seamlessly integrating our application into your Android TV, allowing you to display real-time air quality data on your television screen 24/7.



Choose from multiple ranges of themes



Integrated and controlled via the AQI mobile app



Compare your indoor air quality with outdoor





Prana Air

## Contact Us

### Address

706, 7th floor,  
Crown heights,  
Rohini Sec-10,  
New delhi-110085, India

### Phone

73918-73918

### Email

info@purelogic.in

### To Know more

[www.pranair.com](http://www.pranair.com)

