



Smart Portable

Air Quality Monitor



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Prana Air

Introduction

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 Pure Logic Labs, that is **AQI** and **Prana Air**.



Trusted by



Introducing

Smart Portable Air Quality Monitor

Our Smart Air Quality Monitoring device is where your search stops if you are looking to quantify the concentration and impact of air toxins at an indoor and outdoor location. The user can accurately monitor all primary air pollutants and toxic gases simultaneously!

The monitor comes with *GSM, SERIAL USB UART communication* and *Micro-SD card storage* which enables the user access real-time and historic data through multiple devices via *AQI India dashboard* anytime, anywhere.



Smart Portable

Qualitative Features

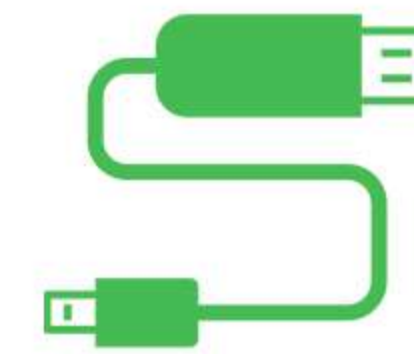
An intelligent portable monitor to keep a tab over the air you breathe indoor or outdoor.



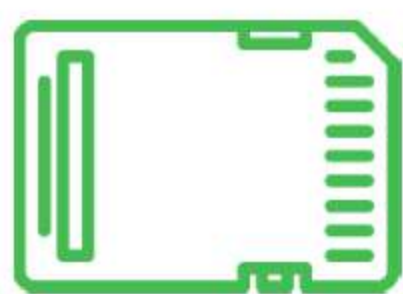
GSM and SERIAL
USB UART
communication



Detects
Toxic Gases



Micro-USB
Cable



Micro SD
Card Storage

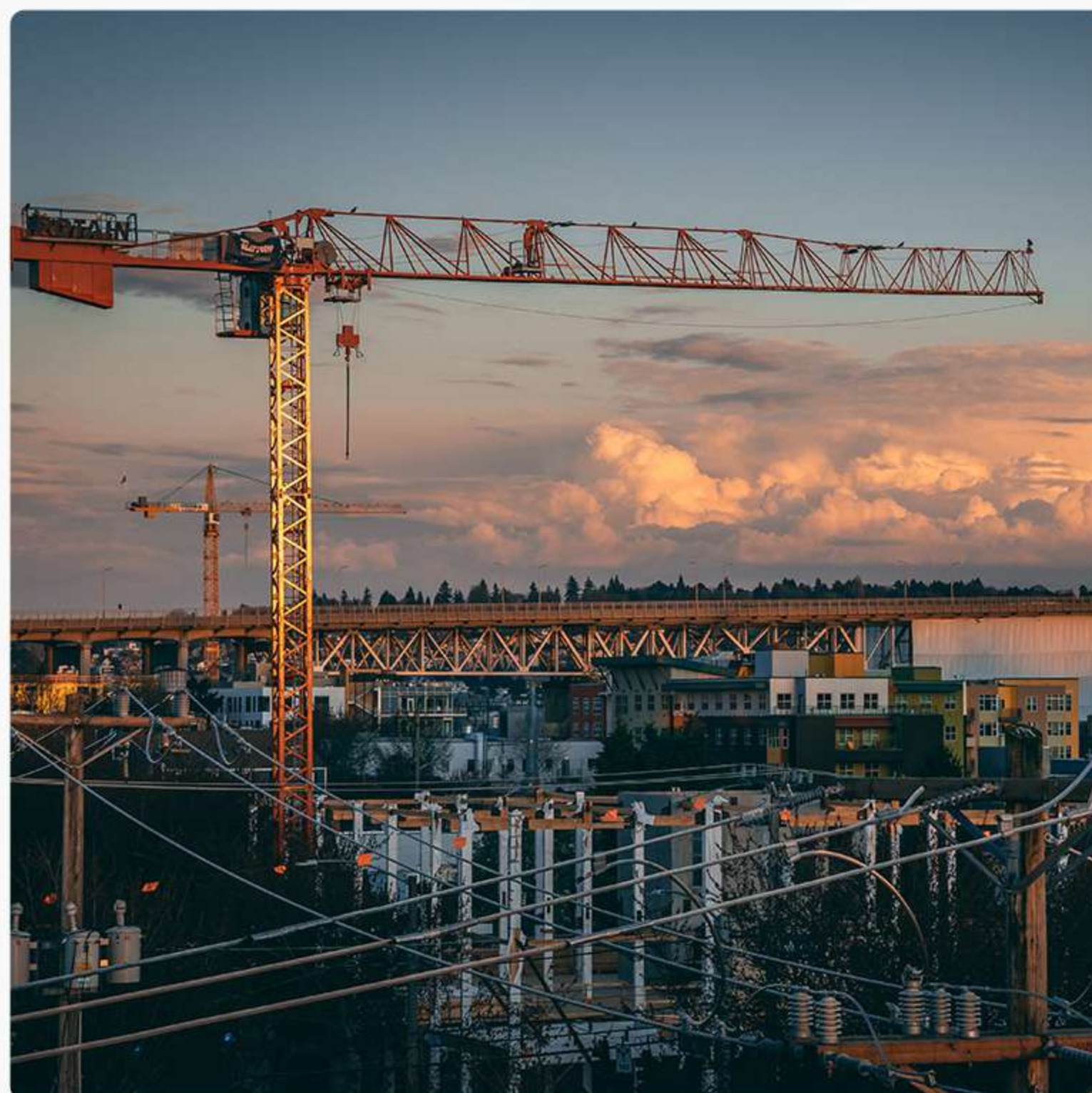
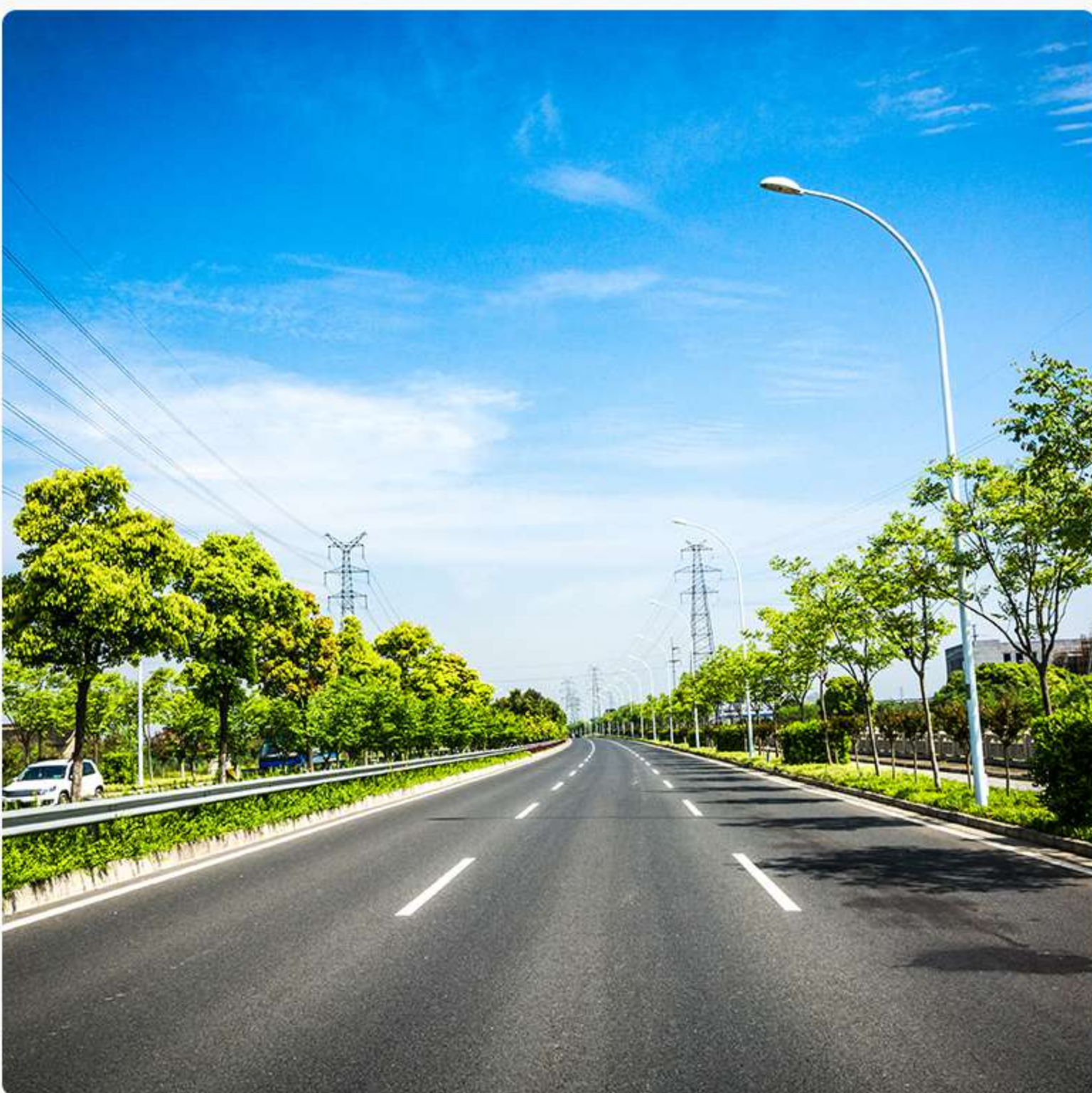
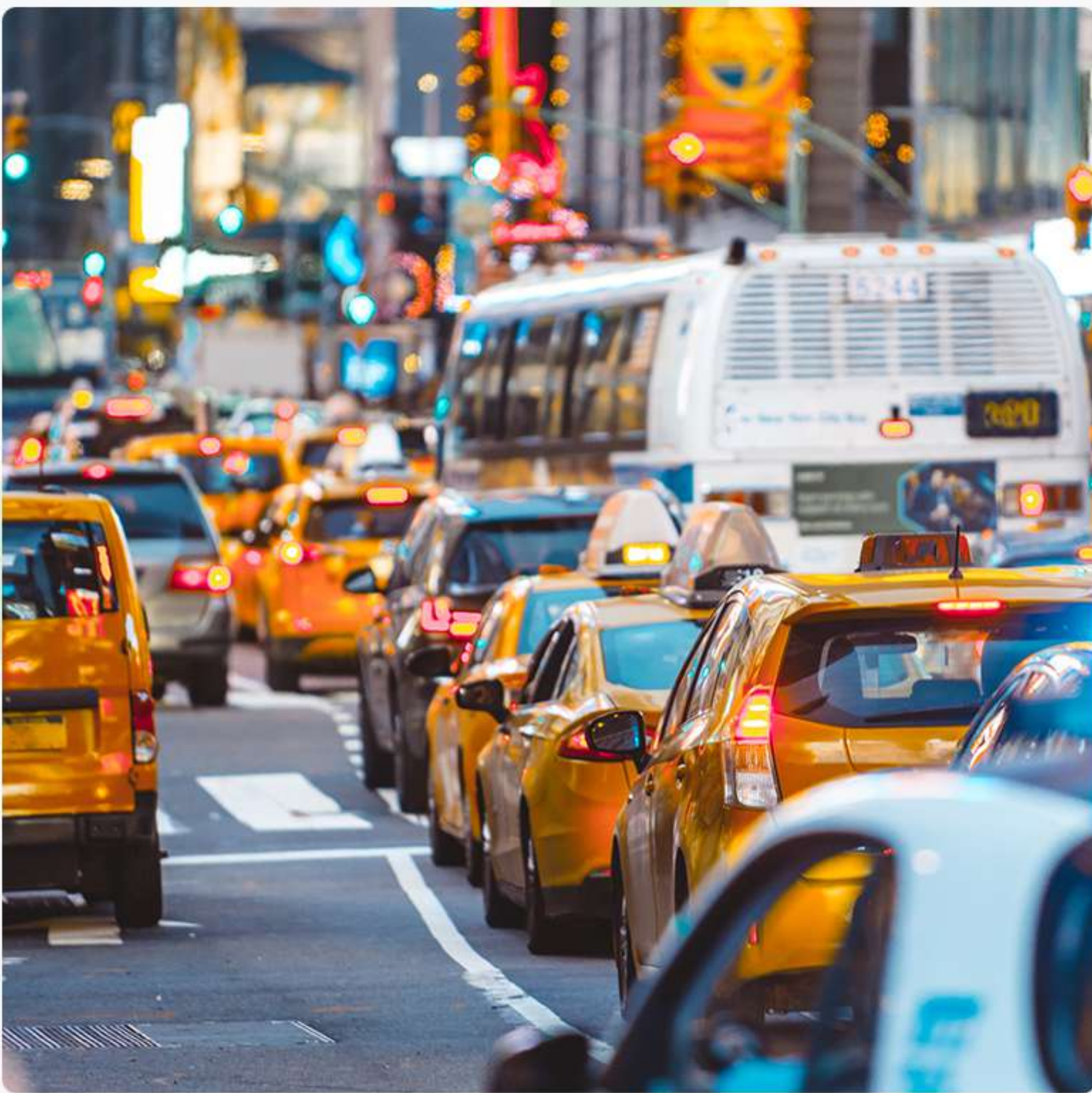


Power Bank
Support



Interactive
Dashboard

“Know what you breathe”



Designed to be discreet

With a minimalistic design and aesthetical design, Smart Portable is tailor-made for commercial, industrial, and research-based applications. It flexibly blends with any indoor and outdoor environment- Home, Schools, Colleges, Offices, Construction sites, Airports, Railways, Highways, Traffic junction and more.

Technical Specifications

Parameters	Sensor Type	Range	Resolution	Accuracy
TSP, PM10, PM2.5 & PM1	90° Light Scattering	0 to 1000 $\mu\text{g}/\text{m}^3$	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 $\pm 15\%$
Carbon Dioxide (CO ₂)	NDIR	1 to 10000ppm	1ppm	$\pm 3\%$
Nitrogen Dioxide (NO ₂)	Electrochemical	0 to 20ppm	1ppb	$\pm 3\%$
Carbon Monoxide (CO)	Electrochemical	0 to 1000ppm	1ppb	$\pm 3\%$
Sulphur Dioxide (SO ₂)	Electrochemical	0 to 100ppm	1ppb	$\pm 3\%$
Ozone (O ₃)	Electrochemical	0 to 20ppm	1ppb	$\pm 3\%$
Nitric Oxide (NO)	Electrochemical	0 to 20ppm	1ppb	$\pm 3\%$
TVOC	MOS	0 to 65ppm	10ppb	$\pm 3\%$
Hydrogen Sulphide (H ₂ S)	Electrochemical	0 to 100ppm	1ppb	$\pm 3\%$
Noise	Digital Sensor	30-140dB	1dB	$\pm 3\%$
Temperature	Digital Sensor	-40 to 70 °C	0.1°C	$\pm 5^\circ\text{C}$
Humidity	Digital Sensor	0 to 100% RH	1% RH	$\pm 3\%$ RH

Product Overview

Features	Description
Operating Temperature	-40°C to 70°C
Storage Temperature	-30°C to 130°C
Dimensions	23 x 4 x 13.5 (in cm)
Weight	800 g (approx)
Power Supply	12V DC
Voltage	230V
Storage	Micro SD Card Storage + Cloud Storage (<i>with AQI Dashboard</i>)
Connectivity	GSM and SERIAL USB UART communication
Web Dashboard	Live web dashboard for remote data access
Mobile App	AQI INDIA (<i>available on ios and android</i>)
Power	Power Bank Support



AQI.IN

Web dashboard

One stop solution to showcase, access, historical and real-time indoor and outdoor air quality data from different monitoring devices.



Dashboard



Compare



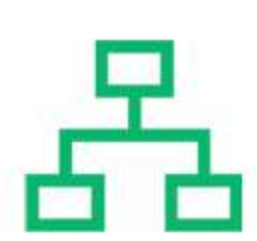
Link



Export File



QR Code



Tree View

