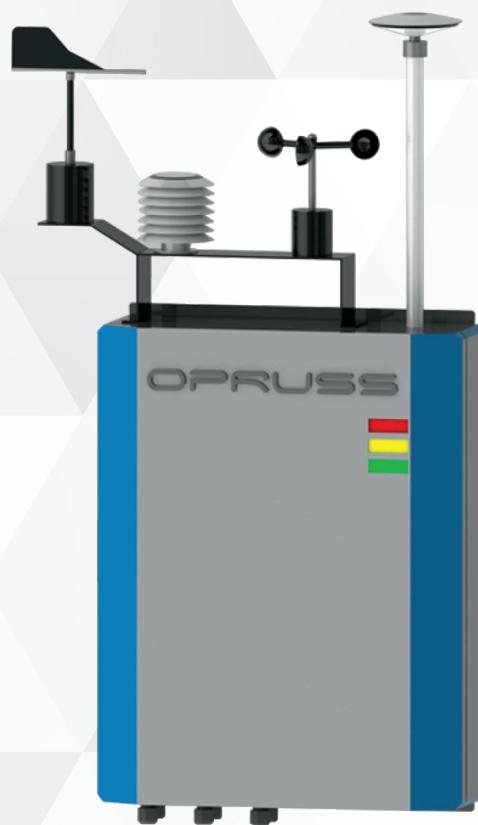
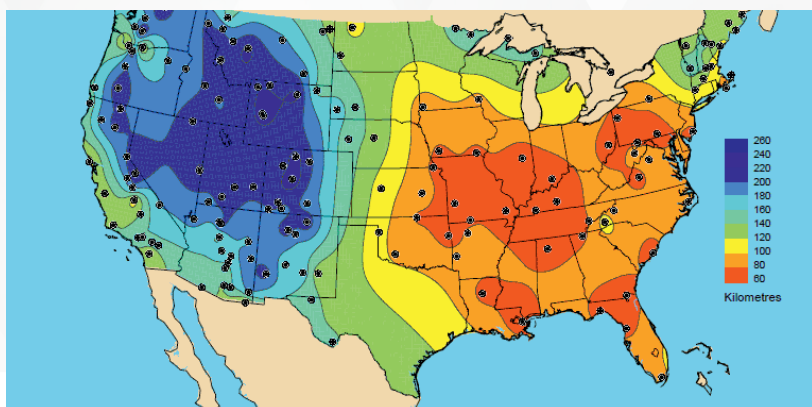


MICRO AMBIENT QUALITY STATION

COMPACT AIR MONITORING DEVICE

A device with brilliant sense of measuring the precise individual Climate affecting parameter. The product being conceptualised with the qualities of a swift intelligent technology with maximum precision and compactness along with easiest ever user interface access, collect, process and evaluate data for the world of analytics.



FEATURES

Magnificently easy and secure platform developed by ECOLYSER to access and cumulate data from registered device. One compact device for determining precise individual parameter concentration of PM, CO, NO, NO₂, SO₂ and O₃, TVOC, Hazardous and LeL gases as well as metrological parameters like Wind speed, Wind direction, Temperature, Relative Humidity (RH), Robust shelter built for operating under severe conditions, built in automatic temperature dispenser makes it ideal for generating exact and stable readings without getting affected by excessive humidity or temperature operates without large power consumption.

Future ready key aspects like Remote Data Collection, one touch evaluation of Data flow through area grid installation for precise prediction of heat maps and pollution mapping, Ultra fast processing system with maximum uptime and 24X7 support from OPRUSS and their extended arms reach every site throughout the globe. This Multi-parameter environmental grid monitoring station is a specialised instrument for urban grid environment monitoring.

ADVANTAGE OF SYSTEM

Automatically analyses time and location-based trend pollution patterns. Blazing speed processors re-define "Real time" monitoring services for true live data collection. Ultra-safe Operating Software developed for accessing data at blazing speed also protects the host devices and the central data storage system from malicious threats Readily interactive with all IOS and Android devices.

VARIOUS APPLICATIONS

- Environmental monitoring in commercial communities and smart cities
- Park / forest environmental monitoring of natural habitats
- Real time monitoring in Industrial areas
- Pollution control in traffic environment, roadways and tunnel pollution monitoring
- Area wise determination of Air quality index and environmental impact assessment
- Deriving heat maps for future trend of climate fitness

SYSTEM SPECIFICATION

ITEM	TECHNICAL INDEX
Remote access to system and data	Feature available
Interface	RS485/RS232 port, Network port
Transmission network	Optional 3G/4G/VPN/WIFI
Shelter material	GI,Aluminium or stainless steel box optional
Scaffold material	Q235
Lightning arrester	Standard height is 4.5m, Flange connection (1m fixed underground, 2*1.5m+1*0.5m)
Working environment	Length 1m, Q235 Galvanized material
Shelter Protection grade	Temperature: -30~+50°C Humidity: 10%RH~90%RH Pressure: 65~108Kpa
Power supply	IP65
Lightning arrester	DC12V, AC220V