

AMBIENT AIR QUALITY MONITORING SYSTEM

PM_{2.5}, PM₁₀, SO₂, NO_x, CO & O₃

ENVIROZONE PVT. LTD.		
Date	Time	
03-05-2022	15:10	
PM2.5	45	µg/m ³
PM10	95	µg/m ³
SO ₂	0.005	PPM
NO _x	0.003	PPM
CO	0.3	PPM
O ₃	0.005	PPM

DustCount

Dustcount is an Online Particulate Monitoring System for Ambient applications. It is capable to monitor various particulate matter like PM₁, PM_{2.5} & PM₁₀.

Dustcount is an ideal choice for applications like construction sites, mines, quarries, port, research projects, etc.

Poll-IQ

PolliQ is an Ambient Air Quality Monitoring System (AAQMS). It is capable to monitor PM_{2.5}, PM₁₀, SO₂, NO_x, CO, O₃ and many more.

OdoCount

Odocount is the Real-time Odour Emission Tracking Solution. Odocount detect, measures and monitors the odourful gases and gaseous contaminants on a continuous basis like Ammonia (NH₃), Hydrogen Sulfide (H₂S), Volatile Organic Compounds (TVOCs), Methyl Mercaptan (CH₃SH), Meteorological Parameters, and many more.

AQ1

AQ1 is an industrial grade single parameter air quality monitor with automation capabilities. This product range consists of critical parameters and toxic gases like Total Volatile Organic Compound (TVOC), Ammonia (NH₃), Hydrogen Sulfide (H₂S), Methane (CH₄), Carbon Monoxide (CO), Formaldehyde (CH₂O), Particulate Matter, Ambient Noise.



The range listed here is for AQ1

ID	Parameter	Range	Resolution	Min. Det.	Working Principle	Sensor Life
EZNH3_1	Ammonia (NH ₃)	0-20 ppm	0.3 ppm	0.3 ppm	Electrochemical Sensing	2 Years
EZNH3_2		0-1000 ppm	0.3 ppm	0.3 ppm		
EZNH3_3		0-1000 ppm	2 ppm	2 ppm		
EZCH4_1	Methane (CH ₄)	500-1500 ppm	1 ppm	500 ppm	Molecular Property Spectrometer (MPS)	2 Years
EZH2S_1	Hydrogen Sulfide (H ₂ S)	0-10 ppm	0.001 ppm	0.01 ppm	Electrochemical Sensing	2 Years
EZH2S_2		0-50 ppm	0.05 ppm	0.05 ppm		
EZH2S_3		0-200 ppm	0.2 ppm	0.2 ppm		
EZH2S_4		0-2000 ppm	2 ppm	2 ppm		
EZTVOC_1	Total Volatile Organic Compound (TVOC)	0-40 ppm	0.001 ppm	0.005 ppm	Photo Ionization Detection (PID)	7000 Hours
EZTVOC_2		0-200 ppm	0.05 ppm	0.05 ppm		
EZPM_1	Particulate Matter (PM _{2.5})	Up to 5000 µg/m ³	0.1 µg/m ³	1 µg/m ³	Optical Particle Counter	7000 Hours
EZPM_2	Particulate Matter (PM ₁₀)	Up to 5000 µg/m ³				
EZPM_3	Particulate Matter (PM ₁)	Up to 5000 µg/m ³				
EZPM_4	Particulate Matter (PM ₁₀₀)	Up to 30 µg/m ³				
EZN_1	Noise	Up to 140 dBA	1 dB	0.5 dB	Capacitive	2 Years
EZCL2_1	Chlorine (Cl ₂)	0-20 ppm	0.05 ppm	0.05 ppm	Electrochemical Sensing	2 Years
EZCL2_2		0-50 ppm	0.1 ppm	0.1 ppm		2 Years
EZHCl_1	Hydrogen Chloride (HCl)	0-50 ppm	0.5 ppm	0.5 ppm	Electrochemical Sensing	2 Years
EZHCl_2		0-100 ppm	1 ppm	1 ppm		2 Years
EZCH2O_1	Formaldehyde (CH ₂ O)	0-10 ppm	0.05 ppm	0.05 ppm	Electrochemical Sensing	2 Years
EZCH2O_2		0-50 ppm	0.1 ppm	0.1 ppm		2 Years
EZCH3SH_1	Methyl Mercaptan (CH ₃ SH)	0-10 ppm	0.1 ppm	0.1 ppm	Electrochemical Sensing	2 Years
EZSO2_1	Sulfur Dioxide (SO ₂)	0-20 ppm	0.001 ppm	0.01 ppm	Electrochemical Sensing	2 Years
EZSO2_2		0-100 ppm	0.2 ppm	0.2 ppm		2 Years
EZSO2_2		0-2000 ppm	5 ppm	5 ppm		2 Years
EZNO2_1	Nitrogen Dioxide (NO ₂)	0-20 ppm	0.001 ppm	0.01 ppm	Electrochemical Sensing	2 Years
EZNO2_2		0-100 ppm	0.2 ppm	0.2 ppm		2 Years
EZNO2_3		0-500 ppm	0.5 ppm	0.5 ppm		2 Years
EZCO_1	Carbon Monoxide (CO)	0-50 ppm	0.1 ppm	0.1 ppm	Electrochemical Sensing	2 Years
EZCO_2		0-100 ppm	0.1 ppm	0.1 ppm		2 Years
EZCO_3		0-1000 ppm	0.75 ppm	0.75 ppm		2 Years
EZNO_1	Nitric Oxide (NO)	0-20 ppm	0.001 ppm	0.01 ppm	Electrochemical Sensing	2 Years
EZNO_2		0-100 ppm	0.5 ppm	0.5 ppm		2 Years
EZCO2_1	Carbon Dioxide (CO ₂)	0-5000 ppm	1 ppm	400 ppm	NDIR	2 Years