

Pollusense Parameters

Parameter	ID	Range	Resolution	Min. Det.	Working Principle	Expected Sensor Life
 Ammonia (NH ₃)	OZNH3_4*	0-10 ppm	0.02 ppm	0.02 ppm	Electrochemical	2 Years
	OZNH3_2*	0-100 ppm	0.3 ppm	0.3 ppm		
	OZNH3_3	0-1000 ppm	2 ppm	2 ppm		
 Methane (CH ₄)	OZCH4_2	50-10,00,000 ppm	1 ppm	500 ppm	Molecular Property Spectrometer (MPS)	2 Years
 Hydrogen Sulfide (H ₂ S)	OZH2S_5*	0-10 ppm	0.01 ppm	0.01 ppm	Electrochemical	2 Years
	OZH2S_2	0-50 ppm	0.05 ppm	0.05 ppm		
	OZH2S_3	0-200 ppm	0.2 ppm	0.2 ppm		
	OZH2S_4	0-2000 ppm	2 ppm	2 ppm		
 Total Volatile Organic Compounds (VOC)	OZTVOC_1*	0-40 ppm	0.001 ppm	0.005 ppm	Photo Ionization Detection (PID)	24 Months #
	OZTVOC_2	0-200 ppm	0.05 ppm	0.05 ppm		
 Particulate Matter (PM _{2.5} , PM ₁₀ , PM ₁ , PM ₁₀₀)	OZPM_1*	Upto 5000 µg/m ³ for PM ₁ , PM _{2.5} , PM ₁₀ Upto 30 mg/m ³ for PM ₁₀₀	0.1 µg/m ³	1 µg/m ³	Optical Particle Counter	18 Months
 Chlorine (Cl ₂)	OZCl2_1*	0-20 ppm	0.05 ppm	0.05 ppm	Electrochemical	2 Years
	OZCl2_2	0-50 ppm	0.1 ppm	0.1 ppm		
 Hydrogen Chloride (HCl)	OZHCl_1	0-50 ppm	0.5 ppm	0.5 ppm	Electrochemical	2 Years
	OZHCl_2	0-100 ppm	1 ppm	1 ppm		
 Formaldehyde (CH ₂ O)	OZCH2O_1*	0-10 ppm	0.05 ppm	0.05 ppm	Electrochemical	2 Years
	OZCH2O_2	0-50 ppm	0.1 ppm	0.1 ppm		
 Methyl Mercaptan (CH ₃ SH)	OZCH3SH_1*	0-10 ppm	0.1 ppm	0.1 ppm	Electrochemical	2 Years
 Sulfur Dioxide (SO ₂)	OZSO2_4*	0-20 ppm	0.01 ppm	0.01 ppm	Electrochemical	2 Years
	OZSO2_2	0-100 ppm	0.2 ppm	0.2 ppm		
	OZSO2_3	0-2000 ppm	5 ppm	5 ppm		
 Nitrogen Dioxide (NO ₂)	OZNO2_4*	0-10 ppm	0.01 ppm	0.01 ppm	Electrochemical	1 Year
	OZNO2_2	0-100 ppm	0.2 ppm	0.2 ppm		2 Years
	OZNO2_3	0-500 ppm	0.5 ppm	0.5 ppm		2 Years
 Carbon Monoxide (CO)	OZCO_5*	0-10 ppm	0.02 ppm	0.02 ppm	Electrochemical	1 Year
	OZCO_4	0-50 ppm	0.05 ppm	0.05 ppm		2 Years
	OZCO_2	0-100 ppm	0.1 ppm	0.1 ppm		2 Years
	OZCO_3	0-1000 ppm	0.75 ppm	0.75 ppm		2 Years
 Nitric Oxide (NO)	OZNO_3*	0-10 ppm	0.02 ppm	0.02 ppm	Electrochemical	2 Years
	OZNO_2	0-100 ppm	0.5 ppm	0.5 ppm		
 Carbon Dioxide (CO ₂)	OZCO2_1*	0-5000 ppm	1 ppm	400 ppm	Non-Dispersive Infrared	2 Years
 Oxygen (O ₂)	OZO2_1*	(0-25) %VOL	0.1 %VOL	0.1 %VOL	Electrochemical	2 Years
 Ozone (O ₃)	OZO3_2*	(0-8) %VOL	0.01 ppm	0.01 ppm	Electrochemical	1 Year

TVOC Sensor Housing: 24 Months, TVOC Lamp is user replaceable: 5,000 hours

Expected Sensor Life can vary, subject to actual concentration on-site. In the interest of continued product improvement, we reserve the right to change design features and specifications without prior notification. The data contained in this document is for guidance only, Oizom® accepts no liability for any consequential losses, injury or damage resulting from the use of this document or the information contained within.

*Indicates standard delivery timeline