

Series GEO-AQS

Air City Quality Sensors



METEODATA / HYDRODATA
DataLogger / Transmitter Unit
(GPRS/3G, Line, Radio or Satellite)

Technical specification

Sensor	Type	Measurement Range	Resolution	Accuracy	Precision
CO	Electrochemical	0-20 ppm	10 ppb	25 ppb	25 ppb
CO ₂	Infrared	0-5000 ppm	1 ppm	50 ppm	50 ppm
NO ₂	Electrochemical	0-20 ppm	10 ppb	25 ppb	25 ppb
NO	Electrochemical	0-20 ppm	10 ppb	25 ppb	25 ppb
SO ₂	Electrochemical	0-20 ppm	10 ppb	25 ppb	25 ppb
O ₃	Electrochemical	0-20 ppm	10 ppb	25 ppb	25 ppb
H ₂ S	Electrochemical	0-20 ppm	10 ppb	25 ppb	25 ppb
NH ₃	Electrochemical	0-100 ppm	10 ppb	1 ppm	1 ppm
Sensor	Type	Measurement Range	Sensitivity	Accuracy	Sampling Time; Sample Flow rate
Multi-PM 1, 2.5, 10	Optical particle counter laser light scattering	0.01 ug/m ³ to 1.5 mg/m ³	0.1 ug/m ³	Better than ±25%	Total volume 1.2 l/min Measured volume 0.22 l/min

Sensor life	Up to 2 years
Features	<ul style="list-style-type: none"> - Factory calibration - Digital zero, sensitivity and temperature compensation - Digital and 4-20mA outputs - Calibration and range change
Environmental	Temperature range: -20 to +50°C Humidity range: 15 to 90% RH
	Direct connection to METEODATA/HYDRODATA Datalogger

Product designs and specifications are subject to change without prior notice. The user is responsible for determining the suitability of the product.