



AGASTHYA 2005 series G Analyzer

Small, low cost hand held analyzer using electrochemical sensor.

This analyzer is designed for short term measurement of one or two gas of user choice from the list mentioned below.

In this instrument you have option for inbuilt pump or it can be used as an add-on analyzer with other portable analyzers.



Measurement of gas concentrations

Standard version with one gas sensor
Two sensors as option

Processing and presentation of measuring data

All results shown on display
Storage for 16 measurements - "measure now, print later"

Hardware capabilities

Incredible 36 hours operating time from one set of batteries
Gas probe with condensate trap
RS-422 interface and multifunctional PC program

Technical data

SS probe length 300 mm with length of gas line 3 m
Inconel probe length 500 mm with length of gas line 5 m as option
LCD Display
User friendly keyboard interface
Power supply 6 V (4 x AA) Battery
Membrane pump
Operating temperature 10 °C ÷ 50°C
Moisture and dust filter
Add-on SS filter as option

Parameter	Measuring method	Range	Resolution	Accuracy	Time (T90)
H ₂ S, Hydrogen Sulphide volumetric concentration	electrochemical gas sensor	0 – 1000ppm	1 ppm	± 2% of Scale	40 s
HF, Hydrogen Fluoride volumetric concentration	electrochemical gas sensor	0 – 10ppm	1 ppm	± 2% of Scale	90 s
HCL, Hydrogen Chloride volumetric concentration	electrochemical gas sensor	0 – 100ppm	1 ppm	± 2% of Scale	120 s
CO, Carbon monoxide volumetric concentration	electrochemical gas sensor	0 – 10000ppm	1 ppm	± 2% of Scale	40 s
NO, Nitric Oxide volumetric concentration	electrochemical gas sensor	0 – 5000ppm	1 ppm	± 2% of Scale	25 s
NO ₂ , Nitrogen dioxide volumetric concentration	electrochemical gas sensor	0 – 500ppm	1 ppm	± 2% of Scale	60 s
SO ₂ , Sulphur Dioxide volumetric concentration	electrochemical gas sensor	0 – 5000ppm	1 ppm	± 2% of Scale	40 s
NH ₃ , Ammonia volumetric concentration	electrochemical gas sensor	0 – 100ppm	2 ppm	±5% of Scale	120 s

Bhoomi Analyzers

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Note: The product may not be the same as shown in brochure

Distributor