VASTHI INSTRUMENTS

CAAQMS Solutions

V.air - 9003 Carbon Monoxide Analyzer

Sulphur Dioxide(SO$_2$)	
Instant	A.V.G (1.MIN)
32.21	24.72
Sample fill	ppb
VASTHI INSTRUMENTS	

VASTHI INSTRUMENTS

Model No : V.air - 9003   CO Gas Analyzer

- Measuring range: 0-50 ppm 0-1000 ppm, user selectable

- Microprocessor realization of multi-function operation

- Digital output the instrument parameters

- With USB and Ethernet interfaces

- Software allows monitoring during the operation to test data Continuous with alarm function

VASTHI INSTRUMENTS

CAAQMS Solutions

Description :

Carbon monoxide Analyzer uses non - dispersive infrared gas filter correlation technology, combined with the most advanced microprocessor technology provides accurate, reliable Co ppm level detected, suitable for application of atmospheric monitoring requirements.

Working principle non - dispersive infrared gas Analyzer carbon monoxide filter correlation technology. CO molecules on the specific laws of infrared optical absorption in accordance with Beer - Lambert. Comparison of infrared energy in the sample and reference gas absorption. Concentrations of CO can be obtained.

Full control over all the functions of this instrument at the same time, can also provide important operating parameters of online instruction. During the measurement, real-time automatic compensation of the temperature and pressure changes.

VASTHI INSTRUMENTS

CAAQMS Solutions

Technical Specifications :

Parameters:	Indicator
Range	Min: (0-50) ppm Max: (0-1000) ppm automatic range switching
Concentration Units	ppb,ppm,ug/m3, mg/m3
Zero noise	0.02 ppm
Quantum noise	0.5% F.S.
Detection limit	0.04 ppm
Zero drift (24 h)	Core 0.2 ppm
Zero drift (7 days)	Core 0.4 ppm
Span drift (7 days)	<1%F.S.
Linearity	<1%F.S.
Precision	<1%
Response time	<60 s to 95%
Flow	(800±80) sccm
Operating temperature range	(5 -- 40)°C
Operating humidity range	(0 -- 95)% RH
Instrument size	178mmx432mmx600mm
Instrument weight	< 20KG
Power supply	200—240V,50/6OHz, 200W
Interface	Analog outputs, digital output,R232, R485, Ethernet interface, USB interface
Communication protocol	Modbus

VE VASTHI INSTRUMENTS

CAAQMS Solutions

FEATURE

- Measuring range: 0-50 ppm 0-1000 ppm, user selectable
- Dual range and automatic setting range
- Microprocessor realization of multi-function operation
- Software allows monitoring during the operation to test data Continuous with alarm function
- bi-directional
- RS-232 port for remote control
- Digital output the instrument parameters
- Adaptive signal filtering techniques optimize response time
- With temperature and pressure compensation
- With USB and Ethernet interfaces
- Color display, touch screen operation
- Large-capacity memory automatically stores historical data

VE VASTHI INSTRUMENTS

Plot no: 21 & 22 , Block no: 24, Phase - IV ,
Auto Nagar, Guntur - 522 001, Andhra Pradesh,Inda.
Tel : +91 863 2238 667, +91 738 2708 685, +91 958 1678 685
web: www.vasthi.com,
E: info@vasthi.com, sales@vasthi.com