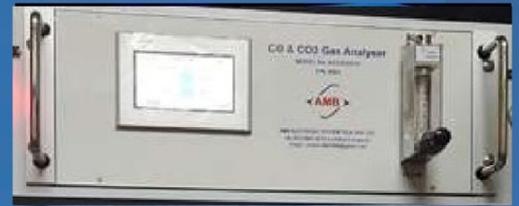


MODEL - ACCO2-25 CO & CO2 GAS ANALYSER

DUAL GAS NDIR ANALYSER

Benefits:

Make in India, immediate Service Support.
Low cost and a Very High Quality Product.
Proven Product in measuring Fuel Gas in Steel Plant.
Zero or minimum maintenance.
Spares availability Immediate.
User Friendly Product.



Specification:

Micro Processor based Digital Gas Analyser
19" Rack Mounted

Method of Gas Detection	:	Dual beam NDIR detectors for CO & CO2
CO Detection Range	:	0-100%
CO2 Detection Range	:	0-50%
Display	:	HIGH QUALITY TFT TOUCH SCREEN (Digital, Menu-driven)
Configuration	:	Fully configurable using touch screen and user friendly
Configuration Feature	:	Onsite one touch Zero calibration & Span Calibration
Auto Calibration	:	Programmable auto calibration for Zero & Span
Auto Purging	:	Programmable Auto Purging interval
Onscreen info	:	Last Calibration Date & Time
Power supply	:	220 VAC +/- 10%, 50 HZ
Linearity error	:	< ± 1% of full scale of
Sensitivity	:	<=1% of the measured value/week
Accuracy	:	1% of measuring SPAN
Repeatability	:	± 0.2% at Zero
Repeatability	:	+ 1% at SPAN (measuring range)
Zero Drift	:	<= 1% of Span/week
Span Drift	:	<= 1% of Span/ week
Response time (T90)	:	4 to 30 Sec
Resolution	:	0.01%
Filter	:	In-built with one line filter and one Bowl filter
Sample Flow Meter	:	0-70 LPH
Analog Output 1 (Optical isolation)	:	4-20 mA for CO (Linear, Isolated, 0-100% measuring range)
Analog Output 2 (Optical isolation)	:	4-20 mA for CO2 (Linear, Isolated, 0-50% measuring range)
Serial Communication	:	RS 485 MODBUS / RS 232
Ethernet	:	One port with configurable IP address /MODBUS
Sample Gas Inlet Port	:	One
Sample Gas Outlet Port	:	One
Span Gas Inlet Port	:	One
Zero Gas Outlet Port	:	One
Purge Gas Inlet Port	:	One
Operating Temp	:	0-50 °C
Relative Humidity	:	0-90% RH
Pressure Compensation	:	700 to 1200 HPA absolute
Required Gas Sample	:	Dry, Dust Free, Oil Free, 90% RH
Sample Gas Temp	:	0-45 °C
Sample Flow Rate	:	20-70 LPH
Sample Pressure	:	<0.5 Kg/cm2
Analyse Output (Programmable)	:	AOD Converter Process Gas, BF Gas, CO GAS
Digital output (Programmable)	:	4 Nos. for Alarm, (Two High/Low for each component)

DESIGNED FOR MIXTURE GAS CHARACTERISTICS: 70 to 80% CO_20 to 30% CO2+0 to 5% O2+ Bal. N2



AMB ELECTRONIC SYSTEM TECH PVT. LTD.

(An ISO 9001:2015, 17025 NABL, MSME, NSIC Certified Company)

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