

Online CO₂ Purity Meter



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Model -CO₂-IRPC- 100

Online CO₂ Purity Meter Mains Operated with Built-in sensor

IRPC series of non-dispersive infrared (NDIR) gas analyzers features fast response, high accuracy, sensitivity, stability, and excellent linearity.

SPECIFICATIONS

- Measuring Range: 0 to 100. %. (With Resolution: 1%)
- Principle. : N.D.I.R. (temperature compensated with calibration certificate)
- Temperature Range: -20 °C to 50 ° C
- Humidity: 0—95% Non-condensing
- Accuracy: ± 2% FSD
- Response Time : <40 sec at 20 ° C
- Long term zero drift: : ± 2% volume CO₂ per month
- Display : 3 ½ digit L.E.D.
- Power Supply : 230 Vac
- Output : 4-20 mA
- Alarm – Low, High
- Cabinet : panel mount
- External Dimensions : 245 x 135x 230 MM
- Calibration : to be calibrated with 100% CO₂ for span & 0% pure N₂ for Zero
- Inlet/Outlet of analyzer : ¼" SWG/BSP

LIST OF OTHER TOXIC GAS ANALYSERS : with Micro Fuel Cell

TOXIC GASES	RANGE STD (PPM)	Resolution
Nitrogen Dioxide (NO ₂)	0-20	0.1 PPm
Nitric Oxide (NO)	0-200	0.5 PPm
Sulphur Dioxide (SO ₂)	0-20	0.1 PPmC
Chlorine (CL ₂)	0-10	0.1 PPm
Carbon Monoxide (CO)	0-400	1 PPm
Hydrogen Sulphide (H ₂ S)	0-100	0.1 PPm
Hydrogen Synide (HCN)	0-100	0.1 PPm
Hydrogen Chloride (HCL)	0-100	0.5 PPm
Ozone (O ₃)	0-2	20 PPb
Ethylene Oxide (C ₂ H ₄ O)	0-20	0.1 PPm
Phosphine (PH ₃)	0-5	0.05 PPm
Hydrogen (H ₂)	0-1000	0.2 PPm
NH ₃	0-2000	0.1 PPm

Analysis Ranges:

Specific NDIR based Models are available :

- CO₂ : 0-5 %, 0-100 % Model -CO₂-IRPC- 100
 CH₄ : 0-10% to 0-100% Model -CH₄-IRPC- 100
 HC : 0 to 100 % LEL Model HC IRPC
 N₂O : 0-to 1% Model N₂O IRPC

Applications :

Chemical and petrochemical processes

- Combustion and flue gas processes
- Pulp and paper
- Vapor recovery systems
- Enhanced oil recovery
- Food, Agriculture

In the interest of continued product upgrade we reserve the right to change the specification without prior notice

For more details, contact:

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