

Ordering Information

P/N KEY:



A

Code

Base Model

9610 Series 9610 Carbon Dioxide Analyzer can be equipped with a percent or trace range carbon dioxide sensor. The sensor features non-dispersive infrared technology. The instrument is housed in a general purpose, NEMA 1 housing suitable for bench-top mounting. Adjustable current outputs (2) are standard. Input power is 90-264 VAC, 50-60 Hz.

B

Carbon Dioxide Ranges

Range Code	Range (Percent)
1	0-20%
2	0-100%
Range (PPM)	
7	0-5,000
8	High Accuracy 0-5,000

C

Mechanical Configurations

Code	Configuration
BTP	Benchtop/portable configuration.
PNL	Panel mounted enclosure.
RK	19" (48 cm) Rack Mounting
RMT	Benchtop Electronics with General Purpose Remote Sensor Enclosure
BTPX	Benchtop Electronics with NEMA 7 Explosion Proof Enclosure

Configuration example :Series 9610 Carbon Dioxide Analyzer with a range of 0-5000 PPM, with a benchtop/portable mechanical configuration(p/n 9610-7-BTP)

Options and Accessories

Item Description	P/N
Coalescing Filter- Filter with aluminum housing. Recommended when particles are >10 microns. Also recommended when there is a chance of a light liquid mist in the sample. This filter is not suitable for sample conditions where heavy condensation of liquids in the sample gas are present.	96-CF
Filter Elements- Spare filter elements for the 9CF.	96-CFE
High Capacity Sample Filter- 316 stainless steel (SS) body with 316 SS filter element. Recommended when particles are >2 microns. The filter is equipped with 1/4" compression fittings.	96-95S
Spare Filter Elements- 316 stainless steel filter elements for the 995S Filter.	96-FBX
Pressure Regulator- Stainless steel pressure regulator with a 3,000 psig (211 kg/cm ²) inlet capacity and an adjustable outlet pressure range of 0-5 psig (0 to 0.35 kg/cm ²) (does not include indicating gauge).	96-PRR
Low Capacity Pressure Regulator- Pressure Regulator with aluminum body. Recommended for use when sample pressures are <100 psig (7.03kg/cm ²).	96-LPR
Sample Pump- DC powered pump for applications when the sample pressure is from 12 psia (827 mbar) 14.9 psia (1027 mbar). The pump is mounted internally.	96-PMP
Replacement Oxygen Sensor- Replacement oxygen sensor-percent range.	96-SENP
RS232-C Serial Communications- Maximum distance between host and analyzer is 50 feet (15 meters).	96-RS2
RS-485 Serial Communications- Provides capability to communicate with several analyzers.	96-RS4
Stainless Steel Needle Valve- Used in conjunction with either of the two aforementioned pressure regulators. The needle valve provides the ability to accurately adjust sample flow rates.	96-NV
Built-in Data Logger- Internally mounted data logger (no display) used to record and archive carbon dioxide values. Memory is EEPROM with a maximum of 32,000 kept in storage. Sample frequency is user selectable from every 0.5 seconds to once every 9 hours. Accompanying software provides the ability to download data to a PC via a serial port.	96-DL
Isolated analog outputs- For applications where galvanic isolation is required.	96-IAO



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