

Ordering Information

P/N KEY:



	Code	Base Model
A	2000	Series 2000 Percent Oxygen Analyzer with three alarm relays, instrument status alarm relay, digital display, audible alarm, visual alarm indicators, NEMA 1 enclosure, 4-20 mADC, and 0-2 VDC analog outputs.

	Oxygen Ranges	
B	Range Code	Range
	A	0-100%
	B	0-25%
	C	0-10%
	D	0-5%
	E	Left Blank
	F	0-10/25/100%
	G	0-5/10/25%
	H	0-1/10/25%

	Input Power Configurations	
C	Code	Input Power
	115	115 VAC 50-60 Hz
	230	230 VAC 50 Hz

Series 2000 Percent Oxygen Analyzer

D

Mechanical Configurations	
Code	Configuration
BTP	Benchtop/portable electronics enclosure with carrying handle. The sensor is mounted on the rear of the electronics enclosure.
PNL	Panel mounted electronics enclosure with the sensor mounted on the rear of the electronics enclosure.
BTR	Benchtop electronics enclosure without carrying handle. The sensor is mounted within a separate NEMA 4X (IP 66) enclosure. Three feet (1 meter) of interconnecting cable is provided to connect the electronics to the sensor. Additional cabling, up to a maximum of 4,000 feet (1,220 meters), is available.
PNR	Panel mounted electronics enclosure. The sensor is mounted within a separate NEMA 4X (IP 66) enclosure. Three feet (1 meter) of interconnecting cable is provided to connect the electronics to the sensor. Additional cabling, up to a maximum of 4,000 feet (1,220 meters), is available.
BTX	Benchtop electronics without carrying handle. The sensor is mounted within a separate explosion proof enclosure rated NEMA 7 for use in areas requiring Class 1, Groups B,C,D, Division 1; Class II, Groups E,F,G; and Class III protection. No interconnecting cabling is provided. Cable is available up to a maximum of 4,000 feet (1,220 meters).
PTX	Panel mounted electronics. The sensor is mounted within a separate explosion proof enclosure rated NEMA 7 for use in areas requiring Class 1, Groups B,C,D, Division 1; Class II, Groups E,F,G; and Class III protection. No interconnecting cabling is provided. Cable is available at up to a maximum of 4,000 feet (1,220 meters).
EXX	Electronics and sensor housing are mounted within one explosion proof enclosure rated NEMA 7 for use in areas requiring Class 1, Groups B,C,D, Division 1; Class II, Groups E,F,G; and Class III protection.

Configuration example : Series 2000 Percent O₂ Analyzer with a range of 0-10/25/100%, a selected power input of 115 VAC 50-60 Hz, with a benchtop/portable mechanical configuration (p/n 2000-F-115-BTP)

OPTIONS/ACCESSORIES

Item Description	P/N
RS-232C Serial Communications -Maximum distance between host and analyzer is 50 feet. (15 meters).	2RS2
RS-485 Serial Communications -Provides capability to communicate with several analyzers	2RS4
High Capacity Sample Filter -316 stainless steel (SS) body with 316 SS filter element. Filters particle sizes > 5 microns. The filter housing is equipped with 1/4" compression gas fittings.	295S
Spare Filter Elements - 316 stainless steel filter elements for the 295S Filter.	2FBX
Coalescing Filter - Filter with aluminum housing. Recommended for samples containing a very light mist and particles > 30 microns.	2CF
Spare Filter Elements for the 2CF.	2CFE
Flowmeter -Durable one-piece acrylic flowmeter (without flow control adjustment).	2FLM
Flowmeter - Durable one-piece acrylic flowmeter (with flow control adjustment).	2FLMC
Pressure Regulator -Aluminum body with a maximum pressure input of 100 psig (7.03kg/cm ²).	2LPR
Pressure Regulator - High capacity stainless steel pressure regulator with a 3000 psig (211 kg/cm ²) inlet capacity and an adjustable outlet pressure range of 0 to 5 psig (0 to 0.35 kg/cm ²) (does not include indicating gauge).	2PRR
Sample Pump -For applications when the sample pressure is from 12 psia (827 mbar) to 14.9 psia (1027 mbar). Maximum sample line limit is 25 feet (7.6 meters). When mounted on the instrument, the enclosure rating is NEMA 1, general purpose.	2PMP
High Capacity Sample Pump - For applications when the sample pressure is from 10 psia (690 mbar) to 14.9 psia (1027 mbar) or, if the sample line exceeds 25 feet (7.6 meters). Should be used with the 2FLMC flowmeter. When mounted on the instrument, the enclosure rating is general purpose.	2PMPH
Sensor Heater -Available with BTX, PTX, and EXX only. Designed to keep the sensor from being damaged due to low temperatures.	2HTR
Mounting Plate - Painted aluminum mounting plate (16" x 16") (40cm x 40cm nominally) used for mounting items such as the remote sensor enclosure, flowmeter, sample pump, etc. Items mounted at factory.	2MPL
Battery Operation: Nickel Metal Hydride Battery Pack used to power instrument when AC power is not available. The instrument is equipped with a built-in battery charger.	2BAT
Internally mounted datalogger: Capable of storing up to 32,000 oxygen readings.	2DL
Replacement Sensor - Replacement sensor for the Series 2000 Percent Oxygen Analyzer.	2SEN



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