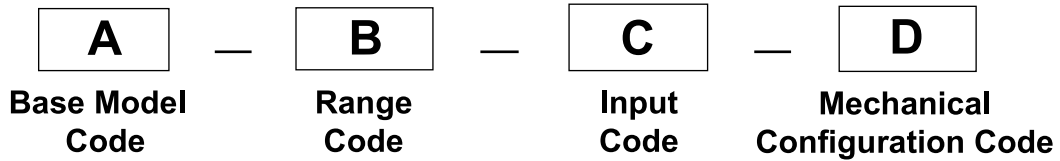


Ordering Information

P/N KEY:



	Code	Base Model
A	3000	Series 3000 Trace 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, and manual sensor isolation valves.

Oxygen Ranges	
Range Code	Range (ppm)
Z	0-10,000
A	0-5,000
B	0-1,000
C	0-100
D	0-50
Y	0-100/1,000/10,000
F	0-50/500/5,000
G	0-10/100/1,000
H	0-5/50/500
I	0-1/10/100

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

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 as an option.
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) as an option.
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 up to a maximum of 4,000 feet. (1,220 meters) as an option.
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 3000 Trace O₂ Analyzer with a range of 0-100/1,000/10,000 PPM, a selected power input of 115 VAC 50-60 Hz, with a benchtop/portable mechanical configuration (p/n 3000-Y-115-BTP)

OPTIONS/ACCESSORIES

Item Description	P/N
RS-232C Serial Communications -Maximum distance between host and analyzer is 50 feet (15 meters).	3RS2
RS-485 Serial Communications -Provides capability to communicate with several analyzers up to a maximum distance of 4,000 feet (1,220 meters).	3RS4
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 fittings.	395S
Coalescing Filter -Filter with aluminum housing. Recommended with samples containing a very light mist and particles > 30 microns.	3CF
Spare Filter Elements for the 3CF	3CFE
Spare Filter Elements - 316 stainless steel filter elements for the 395S Filter.	3FBX
Flowmeter -Durable one-piece acrylic flowmeter (without flow control adjustment).	3FLM
Flowmeter - Durable one-piece acrylic flowmeter (with flow control adjustment).	3FLMC
Pressure Regulator - Aluminum body with a maximum pressure input of 100 psig (7.03kg/cm ²).	3LPR
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 to 5 psig (0 to 0.35 kg/cm ²) (does not include indicating gauge).	3PRR
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 to rear of instrument, the overall rating for the analyzer enclosure is general purpose, NEMA 1.	3PMP
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 3FLM flowmeter.	3PMPH
Sensor Heater -Available with BTX, PTX, and EXX only. Designed to keep the sensor from being damaged due to low temperatures.	3HTR
Mounting Plate - Painted aluminum mounting plate (16" x16") (40 cm x 40 cm nominally) used for mounting items such as the remote sensor enclosure, flowmeter, sample pump, etc. Items mounted at factory.	3MPL
Replacement Sensor - Replacement sensor for the Series 3000 Trace Oxygen Analyzer. <i>Note: When a replacement or spare sensor is ordered, the measuring range(s) of the instrument must be included.</i>	3SEN
Solenoid Valves - Pair of AC valves that together with a PLC or other control device can be programmed to automatically isolate the oxygen sensor when not in use.	3IOV
Internally Mounted Data Logger : Capable of storing up to 32,000 oxygen readings	3DL
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.	3BAT
CO2 Resistant Trace Oxygen Sensor - For the Series 3000 Trace Oxygen Analyzer.	3SEN CO2
Block & Bleed Sample / Sensor- Isolation Gas Delivery System - Convenient means to purge (bleed) the sample line before switching to sample, producing ultra fast response and improved protection from upsets. Recommended for "portable" or "transportable" trace O2 analysis applications (spot or intermittent trace O2 readings at different sample tap locations).	3ISO-BB



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