

OXYTRON 2000™

Process Oxygen Monitoring and Inert Gas Control System



The premier industrial Oxygen analyzer for monitoring and controlling inert process atmospheres

The Oxytron 2000 is the only custom-configured instrument available OFF-THE-SHELF that automatically controls Oxygen in your process.

Combine this premium-quality instrument with one of Neutronics' process Oxygen sampling systems for the most comprehensive custom safety solution available anywhere!

FOUR INSTRUMENTS IN ONE - PREMIUM FEATURES

- Dual channel operation - control two processes with one instrument
- Two field instrument inputs with alarms and relays - temperature, pressure, PH, RH, and more
- Real-time sensor trending and maintenance-prediction
- Programmable automated maintenance features, including sensor calibration and flow switch check
- Programmable real-time diagnostic alarms with relays
- Programmable analog & digital process control outputs



From left to right:
Explosion Proof, Wall Mount, 19" Rack Mount



...Enjoy the benefits of this full-featured instrument for process safety and economy...

- **INCREASED SAFETY MARGINS**
CONTINUOUSLY MEASURES OXYGEN TO CONTROL INERT GAS PURGING
- **LOW INSTALLATION COST**
NO ADDITIONAL HARDWARE/SOFTWARE NEEDED, READY TO INSTALL
- **LOW MAINTENANCE**
AUTOMATED SENSOR PERFORMANCE AND SAMPLE FLOW DIAGNOSTICS WITH RELAYS
- **LOW OPERATING COSTS**
COMPLETELY AUTOMATED, STAND-ALONE SYSTEM
- **REDUCES INERT GAS CONSUMPTION & VOC EMISSIONS**
USES INERT GAS ONLY AS NEEDED TO MAINTAIN SAFE OXYGEN LEVELS
- **USABLE WITH ANY NEUTRONICS PROCESS OXYGEN SAMPLING SOLUTION**

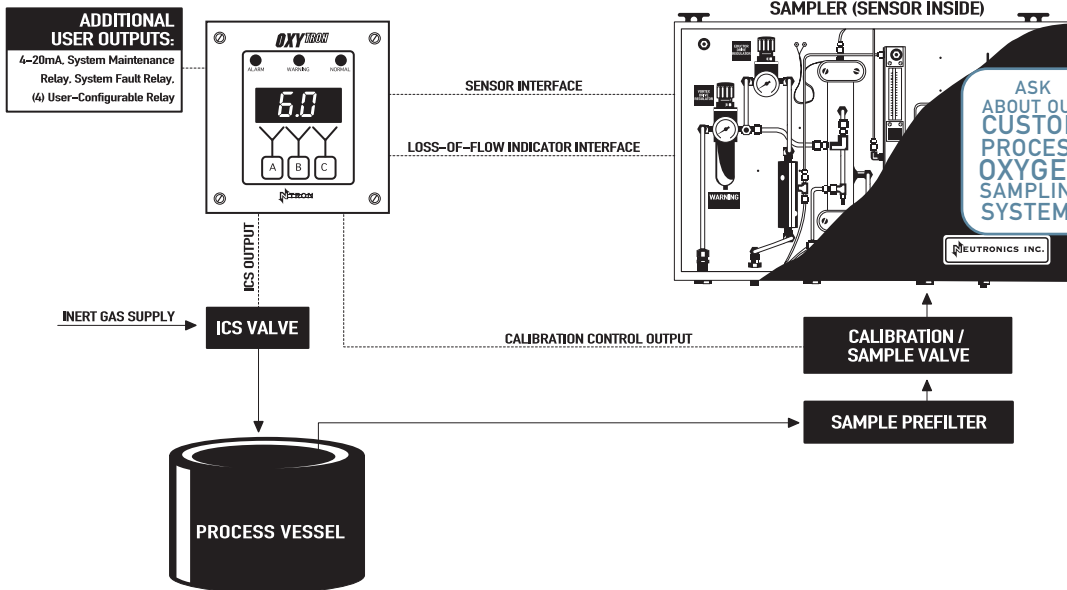
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SEE REVERSE FOR SPECS

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HERE'S HOW IT WORKS...

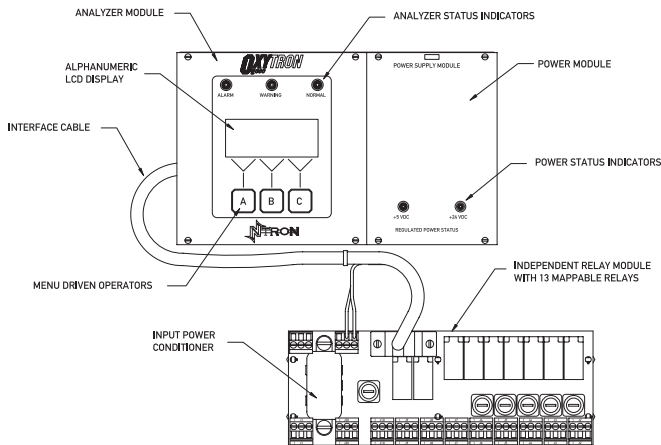


The Neutronics Inerting Control System (ICS) is the only proven system that automatically controls the level of oxygen in your process, keeping it at a safe level.

Originally developed for one of the country's largest chemical manufacturers, Neutronics ICS has been proven reliable in thousands of installations and is **GUARANTEED** to work in your process vessel.

THE NEUTRONICS OXYTRON CAN CONTROL TWO INDEPENDENT PROCESSES - TWO ANALYZERS IN ONE

OXYTRON 2000 SPECIFICATIONS



Panel-Mount Oxytron Module pictured above

Sensor	Up to two Galvanic type, available in various models to meet the application
Measurement Range	0.01 to 25% Oxygen, fixed range
Display	0.5" 4-line LCD alphanumeric display, backlit; color-coded LED's for system status, red=Alarm, yellow=Warning, green=Normal
User Interface	3 menu-driven soft key operators
Response Time	T ₉₀ < 15 seconds
Accuracy	+/- 1% full scale deflection
Signal Interface	(2) 4-20mA, Isolated, range configurable, Max load 550ohms
Alarms & Controls	User adjustable alarms with programmable relay mapping for Inerting Control, Calibration Control, Sample Prefilter Backflush, Check Loss-of-Flow Indicator, Fault Alarm, Maintenance Alarm, multiple O ₂ Alarms
Additional inputs	(2) 4-20mA user configurable; (2) digital Calibration trigger
Power	110/220VAC, 50/60Hz, 30 Watts
Enclosure Options	NEMA 4X Stainless Steel, NEMA 4/7 Explosion proof, standard 19" rack-mount. Custom multi-module rack mount enclosures are also available.
Warranty	Limited - 1 year

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