

OxyOne

Inerting Control System

Engineered specifically for inerting control in safety-critical applications, OxyOne operates as a microprocessor capable of accepting multiple sensor inputs and using them to control your components or alarms. User-configurable set-point signal outputs allow you the flexibility to tailor OxyOne to your application and conditions.

Designed to interface directly with our sensors, sample conditioners and components, OxyOne is equipped to direct and control automatic calibration of each sensor or sampling system independently, via remotely located solenoid valves.



Highlights

- Auto-calibration
- Single or dual oxygen sensor inputs
- 5.7-inch color touchscreen
- Sensor trending and sensor-life predictor
- Modbus communication
- Data and alarm-logging
- Supplied with installed terminals and barriers

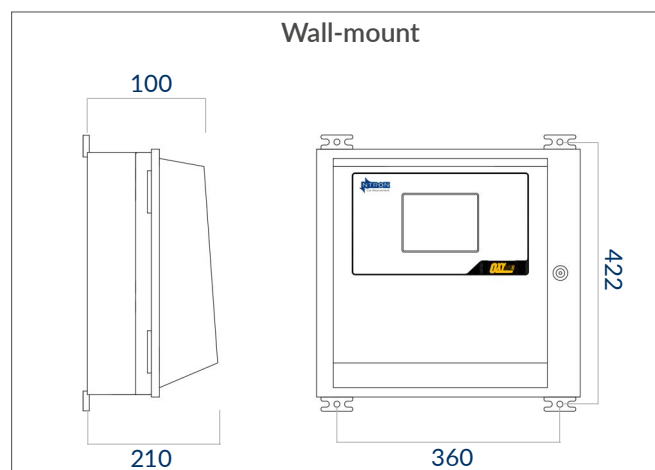
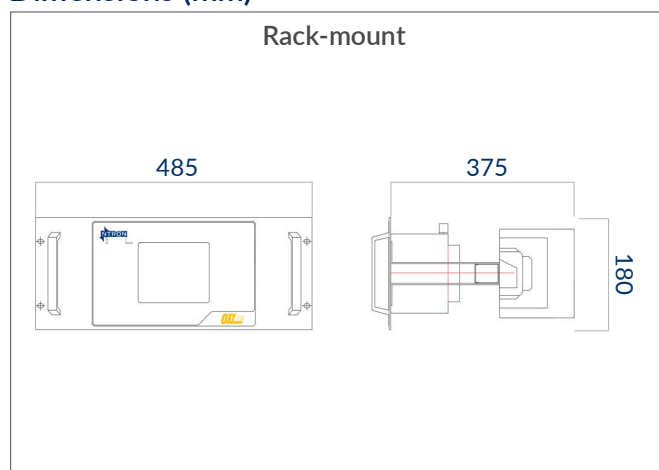
Applications

- Inerting control
- Reactors
- Centrifuges
- Pharmaceutical

Technical Specifications

Mechanical	Rack-mount	Wall-mount
Operating Temperature Range	+5...+45 °C (+32...+122 °F)	
Calibration	Automatic, manual or event-driven	
Electrical Connection	Spring clamp terminals 4 mm CSA max.	Screw clamp terminals 4 mm CSA max.
Memory/ Data Storage	SD Card (removable)	
Housing Material	Painted steel	
Electrical		
Display	5.7" color touchscreen	
Output Signal	4...20 mA	
Digital Communication	RS485	
Relay Output Options	8 x user-configurable relays, for various system conditions, O ₂ level alarms and various events	
Power Supply	100...240 V AC 47...63 Hz, 1.5 A	
Relay Contact Outputs	1 x change-over contact per relay Max. rating: 250 V AC, 6 A Min. rating: 24 V, 8 mA	

Dimensions (mm)



Related Products



Minox i
Intrinsically Safe
Oxygen Transmitter



OC-200
Oxygen Probe Sensor



SILO2
Oxygen Analyzer



**Automatic Calibration
Control Unit (ACCU)**
Calibration Tool

! CAUTION

Ntron Gas Measurement Ltd. is part of the Process Sensing Technologies Ltd. group (PST). As customer applications are outside of PST control, the information provided is given without legal responsibility. Customers should test under their own conditions to ensure the equipment is suitable for the intended application(s).

We adopt a continuous development program which sometimes necessitates specification changes without notice. For technical assistance or enquiries about other options, please contact us here:

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