



**The OxyMon 100 / 200 Series Oxygen Analysers**

***With Proven Reliability and Low Cost***



**OxyMon 200 Surface Mounting  
Oxygen Analyser**



**OxyMon 100 Panel Mounting  
Oxygen Analyser**

**Key Features**

- Compact Size.
- Backlit LCD Display and 4-button multifunction keypad.
- Readings displayed in large bold characters.
- Analog output provided to allow retransmission of detected signal levels.
- Integrates with a wide variety of Ntron Oxygen sensors and Sampling Systems.
- Removable screw terminals to make wire termination easier.
- Alarm dry contact outputs.
- Power: 24 vdc or AC power with the OxyMon 200 Unit.

The Ntron OxyMon Series of Oxygen Analysers are Single Channel panel or surface mounting devices for use on the full range of Ntron oxygen analysis systems. It has being designed for installations where a simple, rugged and compact device is required. The instrument is easy to install and configure with enough features to meet the needs of straightforward applications.

The typical measurement range is 0-25% Oxygen but this can be change for specialist OEM users.

### Specifications

<b>Size:</b>	96 mm high x 96 mm wide x 60 mm deep (OxyMon 100). 150 mm high x 180 mm wide x 280 mm deep (OxyMon 200)
<b>Weight:</b>	280g (100 Series) / 1100 g (200 Series).
<b>Gas Type Measured:</b>	Oxygen.
<b>Measurement Range:</b>	0-25% Oxygen as standard.
<b>Response time T 90 :</b>	12 seconds.
<b>Resolution :</b>	0.1 % Oxygen.
<b>Power Requirements:</b>	24 VDC . +/- 10%. Or AC power for the 200 Series option Load.   200mA max current.
<b>Display:</b>	100 x 33 dot graphics display module with LCD backlight.
<b>User Interface:</b>	4 button Membrane Keypad.
<b>Alarm Outputs:</b>	Two Alarm Relays and One Fault Relay each having a single pole changeover, volt free contact. Maximum current: 1.3 A non-inductive load.
<b>Analogue Output:</b>	4-20 mA current loop, selectable with switches to be sink or source. Linearity is =/_1%. 1-5 VDC is also switch selectable.
<b>Display formats</b>	% Oxygen by Volume.
<b>Data Logging:</b>	Standard on both units.
<b>Temperature range</b>	i) Operating -5 to +40 <sup>0</sup> C ii) Storage -20 to +50 <sup>0</sup> C
<b>Environmental Rating:</b>	IP55
<b>Electromagnetic compatibility:</b>	CE Marked, Tested to EN50081-2, EN50082-1, EN55022

