

Applications in the Pharmaceutical, Food, Beverage and Gas Generation Industries.

## Key Features:

- Low Cost Compact Oxygen Analyser
- Din rail mounting
- LCD Display and 4 Button Multifunction Keypad
- Analogue 4-20mA Output for retransmission of measured signal
- RS232 Communications provided
- 24 VDC Power supply
- 3 configurable alarm relay contacts
- Reliable Electrochemical Sensor Technology
- 1/4" tube stub Oxygen sensor connection



## Product Description

The Microx Oxygen Analysers are a range of low cost OEM designed units for 0-25% range Oxygen measurement with an OC-33 sensor.

The remote-mounted oxygen Sensor utilises Electrochemical technology to give a reliable, low cost solution for % Oxygen measurement. Operational life is typically 12 Months when used within stated specifications.

The Microx-205 is a Din Rail Mount Analyser which has 3 configurable alarm contacts, 4-20 mA output and RS232 communication.

Part number: 01-735



## Technical Specifications

<b>ANALYSER OVERALL SIZE:</b>	86 mm High x 69 mm Wide x 58 mm Deep
<b>MOUNTING:</b>	Din Rail. (M36)
<b>WEIGHT:</b>	150 gr
<b>GAS TYPE MEASURED:</b>	Oxygen
<b>MEASUREMENT RANGE:</b>	0-25% Oxygen
<b>REPOSE TIME T 90:</b>	<10 seconds at 20°C
<b>RESOLUTION:</b>	0.01% Oxygen
<b>SENSOR TYPE:</b>	Ntron Oxygen Sensor, OC-33 (imperial)
<b>SENSOR LIFE:</b>	12 months typically
<b>POWER REQUIREMENTS:</b>	24 VDC +/- 10%. (Max. Load 160mA)
<b>DISPLAY:</b>	100 x 33 dot graphics display module.
<b>USER INTERFACE:</b>	4 button keypad.
<b>COMMUNICATIONS:</b>	RS 232 bi-directional.
<b>ANALOGUE OUTPUT:</b>	4-20 mA, Linearity is +/- 1%.
<b>DIGITAL OUTPUTS OPTIONAL:</b>	3 off Relay, Dry Contact 5 Amp rated.
<b>DISPLAY FORMATS:</b>	% Oxygen
<b>TEMPERATURE RANGE:</b>	-20°C to +50°C
<b>ELECTROMAGNETIC COMPATIBILITY:</b>	CE marked and tested to EN61000-6-4; EN61000-6-2; EN55022;

