

# Ntron Ambient Oxygen Analyser, Model Gasenz-100

A Compact and rugged % Oxygen Monitor For Personnel Protection in the Gas Generation, Pharmaceutical, Food and Beverage Industries.

## Key Features:

Low Cost Compact Ambient Oxygen Monitor

LCD Display and 4 Button Multifunction Keypad

Analogue 4-20mA Output for retransmission of measured signal

Built in Audible and Visual Alarms

70-230 VAC Operating Power options

Electrochemical Oxygen Sensor



## Product Description

The GASENZ Oxygen Monitor is a low cost solution designed for the monitoring of Oxygen Deficient Atmospheres in any work area, where the risk of asphyxiation may occur due to the presence of Inert Gases like Nitrogen or CO<sub>2</sub>.

The GASENZ is a Surface Mounting solution for allowing great flexibility to satisfy any Oxygen monitoring requirements.

The Monitor comes complete with an integrally mounted Oxygen Sensor as well as Alarm indication and annunciation.

Part number: 01-467



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## Technical Specifications

<b>OVERALL SIZE:</b>	145 mm(H) x 110 mm(W) x 93 mm (D) (including cable glands)
<b>WEIGHT:</b>	Approx. 250 gr
<b>GAS TYPE MEASURED:</b>	Oxygen
<b>MEASUREMENT RANGE:</b>	0-25% Oxygen
<b>REPOSE TIME T 90:</b>	12 seconds
<b>RESOLUTION:</b>	0.1% Oxygen
<b>POWER REQUIREMENTS:</b>	85 to 264 VAC (Max. Load 160mA)
<b>DISPLAY:</b>	100 x 33 dot graphics display module
<b>USER INTERFACE:</b>	4 button keypad, Audible/Visual Status indicator(Light Tower)
<b>ANALOGUE OUTPUT:</b>	4-20 mA current loop powered. Linearity is +/- 1%
<b>DIGITAL OUTPUTS OPTIONAL:</b>	1 off Relay, Dry Contact 5 Amp rated.(2-Relay outputs assigned to control Light Tower Indicator).
<b>DISPLAY FORMATS:</b>	% Oxygen
<b>TEMPERATURE RANGE:</b>	Operating -20°C to +50°C, Storage -20°C to +50°C
<b>ELECTROMAGNETIC COMPATIBILITY:</b>	CE marked and tested to EN61000-6-4; EN61000-6-2; EN55022; *EN61000-3-3; *EN61000-3-2. (*Applies to AC Versions)

Replacement sensor: OC-48, part number: 01-466

