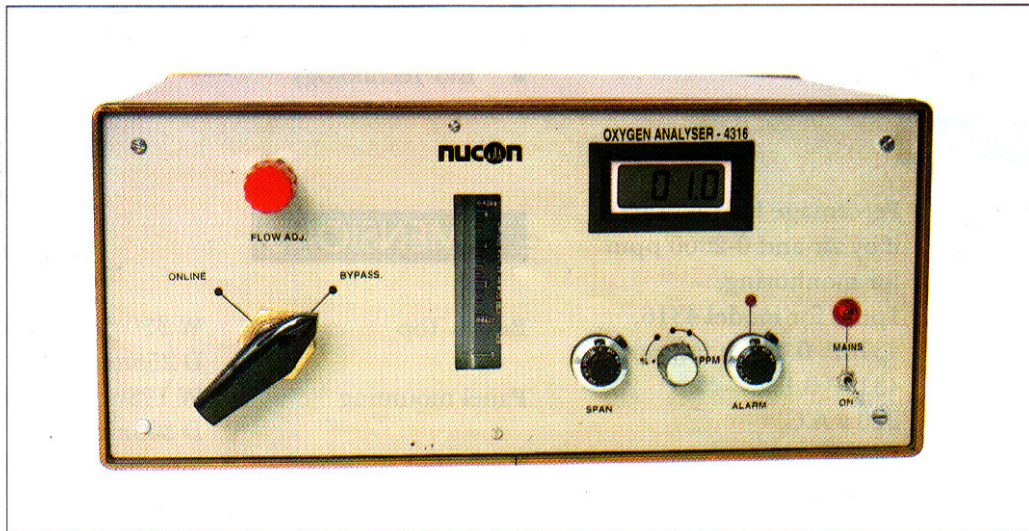




MODELS
4316, 4316P, 4316P-0.1

TRACE OXYGEN ANALYSER



Nucon Digital Trace Oxygen Analysers are designed for accurate and reliable measurement of Trace oxygen concentration. Bench Top Model 4316 or Panel Mounting Model 4316P versions are available. These are complete instruments and no additional flow regulating, flow monitoring and oxygen cell Isolation Valves are required to be connected externally. Direct use on pressurised source like gas cylinder or pipeline is possible. The instrument will measure Oxygen at ppm levels in presence of most industrial and laboratory gases and atmospheres. It requires no periodic maintenance like replacing electrodes or electrolyte and can be calibrated using ambient air or standard calibration samples. The transducer is a sealed electrochemical fuel cell. Alarm Set facility is available on a ten turn direct indicating dial.



SPECIAL FEATURES

- Flow Monitoring and control are standard features
- Alarm with indicating light and SPDT relay are standard features
- Specific to Oxygen
- Insensitive to sample flow rate in operating region
- Simple to Operate
- Maintenance free disposable measuring cell
- Air calibration check
- Sturdy construction
- Cell Isolation Valve to protect cell while not in use

SPECIFICATIONS

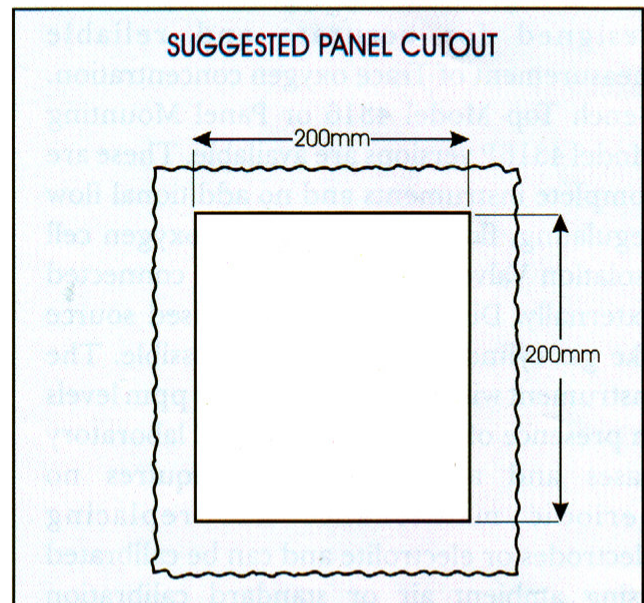
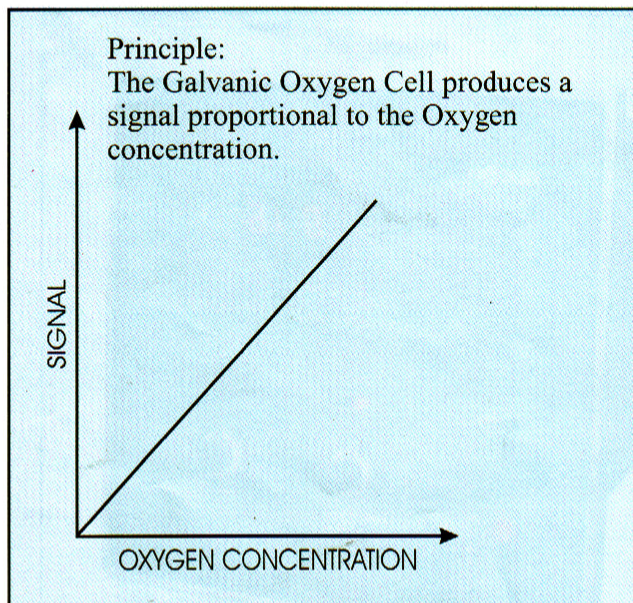
Range	: Percentage for calibration if by air and 0-2000 ppm for monitoring.
Resolution	: 1ppm for model 4316, 4316P: 0.1ppm for model 4316P-0.1
Power Supply	: 220 v A.C.
Display	: Digital
Response Time	: 90% within 25 seconds
Sample Gas Pressure	: 0.1-10.0 Kg/Cm ²
Sample Connection	: 1/8" tube connection

APPLICATIONS

- Gas purity check
- Inert atmosphere gas blanketing monitoring
- Glove boxes
- Cryogenics
- Metallurgy
- Chemical Engineering
- Plastics manufacturing
- Food and beverage packaging
- Lamp and bulb manufacturing
- Controlled gas environment
- Electronics
- Bio Technology

DIMENSIONS

Bench Top	: W 350mm H 150mm D 255mm
Panel mounting	: W 198mm H 198mm D 305mm
Suggested Panel cutout	: 200mm x 20 mm



Manufactured By:

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