

ON-LINE OXYGEN ANALYSERS (PERCENTAGE) MODEL OA-12



Artech offers high performance low cost Analysers for measuring oxygen levels from pure oxygen down to fractional percentage levels. These analysers are based on electrochemical cell sensors. Model OA-12 can be used from 0-100% oxygen. Digital readout of concentration and dual alarms are standard features. Each alarm channel is provided with a set of changeover relay contacts. The alarm set points can be set and displayed from the front panel. A needle valve regulator and a flow indicator enable the user to regulate sample gas flow from the front panel.

Applications include :

- * Air separation plants
- * Cylinder gas quality
- * Fruit storage
- * Food packing machines
- * Medical monitoring
- * Purge gas monitoring
- * Landfill gas
- * Nitrogen purged soldering systems

ARTECH products include Multipoint Temperature Scanners, Controllers, Sensors, Calibrators, Molten Metal Temperature Measuring System etc. and a full range of Relative Humidity (RH) instruments.

ARTECH INSTRUMENTS & CONTROLS PVT. LTD.

(successors to ARTECH LABS estd. 1973)

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SPECIFICATIONS

Range	:	0 - 100 %
Resolution	:	0.1 %
Indication	:	4 Digit LED Display. 1/2" height
Accuracy	:	± 1 % at constant temperature and pressure
Response Time of Sensor	:	90 % in 15 seconds
Transport Time from Inlet Port	:	Less than 3 seconds at recommended flow-rate of 1 litre/minute
Flow rate Indication on front panel:		0 - 1 litre/minute
Flow rate Adjustment	:	By needle valve control on the front Panel
Sample Gas Temperature	:	5 - 40°C at inlet port
Sample Gas Pressure	:	1.2 Kg.(ab.) at inlet port
Calibration	:	With atmospheric air
Alarms	:	High & Low Alarms adjustable throughout the range
Alarm Output	:	One set each of relay changeover contacts rated at 5 Amps(resistive)
Output	:	RS-232 or 4-20 mA (Optional)
Power Supply	:	230V AC ± 10 %
Dimensions : W x H x D	:	192 x 96 x 288 mm
Panel Cutout	:	186 x 92 mm