



ARTECH

ON-LINE OXYGEN ANALYSER MODEL OA-110



SPECIFICATIONS :

Range	:	0-1000 ppm Oxygen or 0-30% automatically selected
Resolution	:	1 ppm / 0.01%
Indication	:	4 Digit LED Display 1/2" height
Accuracy	:	$\pm 1\%$ of F.S. ± 1 count at constant temperature and pressure.
Type of Sensor	:	Electrochemical cell (Two cells – one for ppm, one for percentage)
Response Time of Sensor (T-90)	:	1 minute. (Sample transport time extra initially 6 hours from exposure to atmosphere (ppm only))
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 front panel.
Sample Gas Temperature	:	0-45°C at Inlet port.
Sample Gas Pressure	:	1.2 kg/cm ² (ab.) at inlet port.
Calibration	:	With ppm calibration gas and ambient air.
Alarm Output	:	One set of changeover contacts rated at 5 Amps(resistive) for each alarm.
Output	:	RS-232 or 4-20 mA (Optional)
Power Supply	:	230V AC $\pm 10\%$
Dimensions	:	288 x 144 x 220mm (W x H x D)
Panel Cutout Size	:	282 x 138mm
Depth behind panel	:	300mm
Weight	:	3 kgs.
Accessories	:	3 way valve with centre position off and 1 mtr. 1/8" SS tube

Specification, Configuration & Dimensions subject to change

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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