

INDUS OXYGEN ANALYSER MODEL OA 302



This Oxygen Analyser works in conjunction with heated oxygen probe series 850. It converts the outputs of the zirconia sensor and the thermocouple of the oxygen probe into oxygen concentration corresponding to the tip of the probe. The results are displayed on the LCD screen and transmitted by current loop (4-20 mA) and serial (RS-232/RS-485) output ports. The analyser also controls the temperature of the probe heater and supplies relay output for purging the probe.

SPECIFICATIONS

Type	Microprocessor based instrument		
Display	16 x 2 LCD display		
Parameter displayed	Parameter	Range	Resolution
	Oxygen concentration	0 – 21%	0.01%
	Cell output	0 – 999 mV	0.01 mV
	Cell temperature	0 – 900°C	1°C
	Cell impedance	0 – 10 KΩ	0.1 KΩ
Warm up Time	30 Sec		
Response Time	< 5 Sec		
Isolated Analog Output	4-20 mA or 0-20 mA or 0-5 V (specify on order)		
Serial Digital Output	RS232 and RS485		
Contact Output	4 Nos. (1 no. for heater)		
Other Features	<ul style="list-style-type: none"> ❖ Selectable range ❖ Analog output ❖ Inbuilt temperature control ❖ Auto purge & Auto calibration port ❖ Alarm output ❖ Self diagnostics 		
Calibration	Automatic		
Protection class	IP66		
EMI/RFI	As per CE		
Operating Temperature	0 to 60°C		
Power Supply	AC 230 V ± 10%, 50Hz		
Dimension	255 x 160 x 100 mm		
Weight	4 kg		

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