

Agasthya 2013 Series Trace Oxygen Analyzer Model Bhoomi 300



Features:

- 32-Bit Cortex-M3 ARM Processor
- Long life Electrochemical O₂ sensor
- RS 485, supports MODBUS protocol
- PTFE tubing and corrosion-resistant components for internal sample health
- Flow meter for flow regulation



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Specification

Method of Detection	: Electrochemical sensor for O ₂
Range	: 0-10 ppm, Resolution 0.1 ppm 0-100 ppm, Resolution 0.1 ppm 0-1000 ppm, Resolution 1 ppm
Accuracy & Repeatability	: ± 1% of FS
Drift	: <2% of full scale per month
Response Time (T-90)	: ≤30 seconds
Display	: Touch Screen LCD LED
Power	: 80 to 230 VAC 50 Hz
Power Consumption	: 8 Watts
Digital Output	: RS485 with MODBUS Protocol
Analog Output	: 4-20 mA (max load resistance upto 500 Ω)
Relay Output	: 2 nos. of potential free contacts
Humidity	: 5-95% RH
Ambient Temperature Range	: 4 to 50°C
Flow Meter	: 0.1- 1 LPM
Enclosure	: Wall, Panel, Rack & Table Top
Sample Connection	: 1/4 inch S.S. Connection
Area Classification	: General Purpose

Ordering Code

Basic Model	Technology	Measurement Units	Enclosure Type	Display
300	EC – Electrochemical	PPM	W - Wall	T - Touchscreen
			P – Panel	LCD
			R – Rack	LED
			TT – Tabletop	

For Example:

Model No. 300-EC-PPM-P-LCD

Trace Oxygen Analyzer Electrochemical Sensor with PPM unit, Panel Mount & LCD Display



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