

Agasthya 2013 Series Trace Oxygen Analyzer Model Bhoomi 320



Features:

- 32-Bit Cortex-M3 ARM Processor
- Long life Zirconia 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	: Zirconia sensor for O ₂
Range Available	: 0-30%, Resolution 0.01% 0-1000 ppm, Resolution 1 ppm 0-1000 ppb, Resolution 1 ppb
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
320	ZIR - Zirconia	%	W - Wall	T - Touchscreen
		PPM	P - Panel	LCD
		PPB	R - Rack	LED
		UNV (% , PPM, PPB)	TT - Tabletop	

For Example:

Model No. 320-ZIR-UNV-P-LCD

Trace Oxygen Analyzer Zirconia Sensor with Universal unit (% , PPM, PPB), Panel Mount & LCD Display

BHOOMI[®] **Process Management Pvt. Ltd.**
(Formerly known as Bhoomi Analyzers)

Head Office :

409, 4th Floor, Avior (Nirmal Galaxy),
Next to Deep Mandir, Opp. Johnson & Johnson,
L.B.S. Marg, Mulund (W), Mumbai - 400080.

Manufacturing Unit :

201, 207, 208, G Wing, Udyog Bhavan No.: 2,
Plot No.: K-3, Additional Ambarnath MIDC,
Ambarnath-East-421506, Dist.: Thane, Maharashtra.

Phone : + 91-22-25916858, 25916916 Cell : +91 7777071509

Email : sales@bhoomiltd.com / bhoomianalyzers@gmail.com

Website : www.bhoomiltd.com