

Agasthya 2013 Series Oxygen Purity Analyzer Model BI 450



Features:

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

Specification

❖ Method of Detection	: Paramagnetic sensor for O ₂
❖ Range Available	: 0-100% scalable, Resolution 0.01% 95-100%, Resolution 0.01%
❖ Gas Sensing Method	: Diffusion
❖ Accuracy	: <± 0.2% O ₂
❖ Repeatability	: <± 0.2% O ₂
❖ Drift	: <± 0.2% O ₂ per month
❖ Response Time (T-90)	: ≤20 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

- Sample conditioning unit available on request
- Industrial Cabinet to accommodate multiple units available

Basic Model	Technology	Enclosure Type	Display
410	PAR - Paramagnetic	W - Wall	T - Touchscreen
		P - Panel	LED
		R - Rack	LED
		TT - Tabletop	

For Example:

Model No. 410-PAR-R-T

Oxygen Purity Analyzer Paramagnetic Sensor, Rack Mounting & LED Display

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