

## Agasthya 2013 Series Oxygen Purity Analyzer Model BI 430



### Features:

- 32-Bit Cortex-M3 ARM Processor
- Long life Zirconia O<sub>2</sub> sensor
- RS 485, supports MODBUS protocol
- PTFE tubing and corrosion-resistant components for internal sample health
- Flow meter for flow regulation

## Agasthya 2013 Series Oxygen Purity Analyzer Model BI 430

### Specification

Method of Detection	: Zirconia sensor for O <sub>2</sub>
Range Available	: 0.1-100% scalable
Resolution	: 0.01%
Accuracy	: ± 2% of reading
Repeatability	: ± 1%
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	Enclosure Type	Display
430	ZIR - Zirconia	W - Wall	T - Touchscreen
		P - Panel	LCD
		R - Rack	LED
		TT - Tabletop	

#### **For Example:**

**Model No. 430-ZIR-P-LED**

**Oxygen Purity Analyzer Zirconia Sensor, Panel Mounting & LED Display**

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