

## Agasthya 2013 Series Hydrogen Purity Analyzer Model BI 600



### Features:

- ❖ 32-Bit Cortex-M3 ARM Processor
- ❖ Long life Thermal Conductivity H<sub>2</sub> 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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### Technical Specification

Method of Detection	: Thermal Conductivity sensor for H <sub>2</sub>
Range Available	: 0-100% scalable
Resolution	: 0.01%
Accuracy & Repeatability	: ± 1% of FS
Drift	: 0.5% per year
Response Time (T-90)	: ≤ 10 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
600	TC – Thermal Conductivity	W - Wall	T - Touchscreen
		P - Panel	LCD
		R - Rack	LED
		TT - Tabletop	

#### For Example:

**Model No. 600-TC-P-LED**

**Hydrogen Purity Analyzer Thermal Conductivity Sensor, Panel Mount & LED Display**

**BHOOMI**<sup>®</sup> Process Management Pvt. Ltd.  
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