

Agasthya 2013 Series Stack Flowmeter Model BI 7300



Features:

- 32-Bit Cortex-M3 ARM Processor
- RS485, supports MODBUS protocol
- Isolated 4-20 mA analog output
- The best price performance on the market - designed with user requirements foremost in mind for internal sample health
- Auto purge and blowback facility available

Bhoomi advantages:

- Customizable product as per client site requirements
- Provide solutions for Analyzer suitable for installation in Hazardous area
- Spares and accessories availability guaranteed for years at reasonable price
- A truly trouble - free sales and customer service experience

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BI 7300 Stack Flowmeter is used for continuous measurement of Velocity in stack using Multiport Pitot Tube. It is based of differential pressure - flow measurement principle and compensated for pressure and temperature. In addition to velocity; temperature, static pressure and flow rate of emission gases can also be measured.

Stack Flowmeter comprises of pitot tube, differential pressure transmitter, absolute pressure sensor, temperature sensor, control unit for computation of velocity and gas flow rate & Auto Purge unit.

The Stack Flow meter features fully automatic purge system for high dust concentrations in stack. The system purges the pitot tube automatically and periodically at regular intervals in order to avoid blockages even with large dust and particle loads to guarantee maintenance free continuous operations.

Specification

Velocity	: 4 to 30m/s
Gas Temperature	: 550 deg C. High Temperature on request
Differential pressure sensor	: Piezo-resistive type
Temperature sensor	: Pt 100 type
Pitot Tube Length	: 1m, 1.5m, 2m
Pitot Tube MOC	: SS 316
Flange	: ANSI Cl. 150 1.5". Other Flanges on request
Display	: Keypad LCD Display
Power	: 24 VDC. 230 V AC optional on request
Output	: 4-20 mA Analog Output & 3 Nos. Relay Output
Digital Communication	: RS 485, Modbus
Ambient Temperature	: 0 - 65° C
Mounting	: Wall.
Enclosure Rating	: IP65
Compressed Air	: Dry, Oil free, 4bars for backflush

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