

Analyzer

Sensor



BI 700

Dewpoint Analyzer



100%
by BHOOMI



Dewpoint
Monitoring



Modbus
RTU



Measurement
Stability



TFT
Display



Current
Output



Measurement
Range

Agasthya 2026 Series

BI 700

Dewpoint Analyzer

Agasthya 2026 Series

KEY FEATURES

- Continuous dew point monitoring for compressed air and dry industrial gases
- High-performance transmitter for accurate trace moisture measurement
- Digital controller with clear local indication
- Alarm, analog and digital communication outputs
- Monitors dryer performance and detects rising moisture levels
- Wall-mounted design with PLC and SCADA integration

APPLICATIONS

- Compressed air
- Industrial process control
- Drying system
- Protection systems
- Glove box
- Turbines
- HVAC, breathing air

TECHNICAL SPECIFICATIONS

Dewpoint Controller

Display	Local LCD/LED display for dew point value and diagnostic messages
Power Supply	AC - 85 - 305VAC; DC - 9 - 36 VDC
Relay Output	5A-250VAC, 5A-30VDC
Current Output	4-20mA
Digital Communication	RS485 MODBUS RTU
Dimensions	160 x 160 x 90 mm (ABS)
Mounting Type	Wall (ABS)
IP Rating	IP65
Enclosure	Dust Proof

Sensor

Dew point range to be analysed	110 °C to +20 °C
Method of detection / Sensor	Ceramic metal oxide / Aluminum oxide sensor
Accuracy	≤ 2 °C
Resolution	≤ 0.1 °C
Drift	≤ ± 0.5 °C per year
Response time	(T-90) ≤ 5 min
Minimum flow requirement	≤ 1.5 LPM
Power supply	80 - 230 VAC, 50 Hz
Sample conditioning unit	Sample conditioning unit optional

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Our NPL & TUV Certified Products

Continuous Emission
Monitoring System
BI 7000



Online Stack Flow
Meter
BI 7300



Online Stack
Dust Monitor - Opacity
BI 7010



Tribo Electric Dust
Monitor
BI 7020



Our Other Gases & Liquid Analyzers

Insitu Zirconia
Oxygen Analyzer
BI 2100, BI 2000



Portable Flue
Gas Analyzers
BI Flexi Pro, BI 1XX, BI 2XX



Process Gas Analyzers
BI 3XX, 4XX, 6XX
BI 4XXX, BI 8000, BI 7400



Renewable Energy Gas
Analyzer **BI 7100, BI 7110,**
BI 7120, BI 7130



Ambient Air Quality
Monitoring System
BI 9000



Multiparameter Water Quality
Monitoring System
BI 1000



Water Sensors
BI XXXX



Single & Dual
Channel Controllers
BI 13XX



Panel Mount

Wall Mount