BHOOMI®

All Products Catalogue

Manufacturer of Gas & Liquid Analyzers

Jan 2026

About Us

BHOOMI®

GAS • LIQUID • PROCESS

We Cover It All!

100%
by BHOOMI

1000+
Happy Customers

200+
Applications

50+
Products & Solutions

50+
Engineers

20+
Years Of Experience

12+
Technology

In-house
R&D

Customization
As Per Process Requirement

Assured
Service & Support In warranty

Business Milestone

2024
Product Leadership Recognized
Portfolio crossed 50+ Gas & Liquid Analyzer Models - covering safety, process, and environmental monitoring needs.

2023
Global Footprint Expanded
Achieved 1000+ customers with operational presence in 10+ countries across Asia, Middle East & Africa.

2019
Prestigious Nationwide Projects
Awarded 40 CEMS Projects by Oil India Ltd., Assam - a major leap in large-scale environmental compliance.

2017
Diversification into Liquid Analytics
Launched an innovative portfolio of Liquid Analyzers for industrial water & effluent monitoring.

2016
Manufacturing Capability Strengthened
Team strength crossed 30 experts (25 engineers). Established dedicated manufacturing facility in MIDC Ambernath.

2013
Next-Gen Technology Adoption
Developed advanced Touchscreen Series Gas Analyzers & Dust Monitors - 200+ deployments in year one.

2010
CEMS Expansion
Introduced Multi-Stack Continuous Emission Monitoring Systems. Achieved 100+ installations within the first 24 months.

2007
First Breakthrough Product
Launched Indigenously Engineered In-situ Zirconia Oxygen Analyzer & Portable Flue Gas Analyzer - a Milestone in industrial gas monitoring.

2006
Vision Ignited
Founded with a mission to deliver world-class Gas Analysis Solutions to Indian and global industries.

Vision

Our vision is to be a global market leader in Process Analytical Instrumentation and Automation, by offering diverse range of products and customer centric solutions with superior quality in terms of consumer value, customer service and employee talent with consistent and predictable growth to add value to stakeholders and the environment.

Mission

Our highest priority is to support our customers by providing superior products and services of exceptional value through continuous education and the application of new technologies and best business practices. We also aim to provide a pleasant, nurturing, and growth-oriented environment that encourages our employees to be highly productive and to grow personally and professionally.

Service & Support

Our Technical Support Engineers and Business Partners are spread across the country to provide timely support. Customers can also contact our back office for technical assistance during office working hours.

As a manufacturer, we stock all consumables and critical spares at strategic locations to ensure they reach our customers on time.

Our support services include Annual Maintenance Contracts (AMC), calibration, and repair for our entire product range.

Our Product Range

Gas Analyzer	
Application	**Products**
Emission	Continuous Emission Monitoring System Opacity Dust Monitor Triboelectric Dust Monitor Online Stack Flowmeter Ambient Air Quality Monitoring System
Combustion	In-situ Zirconia O2 Analyzer Portable Flue Gas Analyzer
Process	Purity Gas Analyzer Trace Gas Analyzer Headspace Gas Analyzer Multigas Analyzer
Renewable Energy	Biogas Analyzer Syngas Analyzer Biomass Analyzer Landfill Analyzer Producer Analyzer
Safety & Detection	Fixed Gas Detector

Water Analyzer	
Application	**Parameters**
Waste Water	COD/BOD/TSS/TOC pH Chlorine NH3/TN (Total Ammonical Nitrogen) Dissolved Oxygen Oil In Water TDS/Conductivity Turbidity
Process Water	COD/BOD pH ORP Oil In Water Chlorine TDS/Conductivity Dissolved Oxygen Fluoride
Raw & Drinking Water	Turbidity Chlorine pH Conductivity NH3/TN (Total Ammonical Nitrogen)
Measurement	Ultrasonic Level Transmitter Radar Level Transmitter Pressure Transmitter Inline Electromagnetic Flowmeter Open Channel Ultrasonic Flowmeter

Our Technologies

Electrochemical Sensor
O_2, CO, SO_2, NO, NO_2, HCl, Cl_2, NH_3, H_2S, HF

Zirconia Sensor
O_2

Paramagnetic Sensor
O_2

Thermal Conductivity Sensor
H_2, He Binary Gases : N_2, O_2, AR, CO_2, CH4

NDIR Sensor
CO, CH4, SO_2, NO, CO_2, (Cl_2), HC

NDUV Sensor
Cl_2, NO_2, SO_2, NO

UV-DOAS
H_2S, NO_2, SO_2

TDLS
NH_3, HF, HCl, O_2, CO_2, CH4, CO

FID
TOC

PID
VOC

Pellistor
CH4, H_2, LPG, Natural gas, Butanol

UV-VIS Absorption
COD, BOD, TSS

Electrode
Cl_2, pH, ORP, TDS/Conductivity

Nephelometry
Turbidity, TSS

Fluorescence
DO, OIW

Ion Selective Electrode
Fluoride

Note: Industry color codes are shown on Page 5

Industry Applications

Cement Plants
Needs
- Combustion control • Emissions compliance
- Process optimization

Solutions
- Zirconia O_2 • CEMS • Dust Monitor
- Process Gas Analyzers • Gas Detectors
- Water Quality Monitoring

Power Plants (Coal / Biomass / Gas)
Needs
- Boiler efficiency • Safety
- Stack compliance

Solutions
- Zirconia O_2
- Syngas/Producer Gas Analyzer • CEMS
- H_2 Purity • Gas Detectors • Water Quality

Waste-to-Energy & Incineration
Needs
- Combustion monitoring
- Emissions control

Solutions
- CEMS • Zirconia O_2 • Dust Monitor
- Syngas Analyzer • Gas Detectors

Refineries & Petrochemical
Needs
- Safety • Purity verification
- Discharge compliance

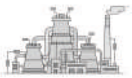
Solutions
- Gas Detectors
- Purity Analyzers (H_2, He, O_2)
- Water Quality Analyzers • CEMS

Chemical Processing
Needs
- Leak safety • Purity control
- Exhaust monitoring

Solutions
- Purity Analyzers • Gas Detectors
- Process/CEMS • Water Quality

Steel & Metallurgical
Needs
- Furnace control • Safety gases
- Hydrogen purity

Solutions
- Zirconia O_2 • H_2 Purity • Gas Detectors
- CEMS



Distilleries & Boiler Industry
Needs
- Combustion efficiency • Safety
- Stack compliance

Solutions
- Zirconia O_2 • Gas Detectors
- Dust Monitor • CEMS • Water Quality

Biogas / Landfill / Anaerobic Digestion
Needs
- Gas quality tracking • Safety
- Renewable compliance

Solutions
- Biogas Analyzers (CH_2, CO_2, H_2S, O_2)
- Gas Detectors • Flow & Pressure

Pharmaceutical & Cleanrooms
Needs
- Purity control • Water quality validation

Solutions
- O_2 Purity • He Purity (leak testing)
- Water Quality

Environmental Labs / Agencies
Needs
- Audits • Reference monitoring
- Reporting

Solutions
- CEMS (Lab/Portable) • Water Quality
- Gas Purity

OEMs / System Integrators
Needs
- Embedded sensors • Compact solutions

Solutions
- Water Sensors • Controllers
- Gas Detectors

Index

GAS ANALYZERS

Emission Monitoring Systems

Combustion

Process

Renewable Energy

Safety & Detection

WATER ANALYZERS

01 Continuous Emission Monitoring System
BI 7000, BI 70XX Series

NDIR, NDUV, TDLS, FID Technologies

CPCB Compliance

Different Technologies Under One Roof

Smart Remote Calibration

Direct Connectivity To Server

NPL, TUV, CE Certified

Zero Intervention Uptime

Automatic Blow Back System

Serviceable At Component Level

FEATURES

- Scalable ranges available for each gas
- All gas readings corrected with reference O2
- Manual / Auto / Remote calibration facility
- Diagnostic features usable, calibration, maintenance, faulty, zero and drift
- Analog output for each gas and digital output in Modbus protocol, 2-wire RS485 transmission
- Expression and display of measurements in ppm, mg/m3 or volume % as specified in standards (mg/Nm3 & kg/day optional)
- Efficient sample conditioning unit designed as per site conditions
- Heated probes for safe and hazardous area / heated sampling lines for safe and hazardous area
- Robust and reliable for optimal operation under extreme environment and conditions while maintaining its calibrated status
- Purged panel option is available for hazardous area
- In-situ / Extractive gas analyzers

Continued...

01 ...Continued

BI 7000, BI 70XX Series

NDIR, NDUV, TDLS, FID Technologies

APPLICATIONS

- Thermal Power Plants
- Steel & Metallurgical Plants
- Cement Plants
- Chemical & Fertilizer Plants
- Paper & Pulp Mills
- Waste Incineration / Waste To Energy
- Mining & Minerals
- Sponge Iron Plants
- Boilers & Captive Power Units
- Process Stacks
- DG Sets

BI 7000

Rack Mount
Touchscreen

TECHNICAL SPECIFICATIONS

Specifications	Details
Repeatability	1% FS
Zero drift	<±1% per week of span
Span drift	<±1% per week of span
Response	T90 < 15 sec
Analog output	Isolated and linear 4-20 mA analog output for each gas
Digital communication	2 x RS485 Modbus RTU protocol (for data transmission & scrolling display / SCADA-based utility)
Relay output	2 nos. potential free contact for alarms
Power supply	100/240 VAC, 50 Hz, 24 VDC
Operating temperature	4 to 65°C
Mounting options	Panel & rack mount

Parameter	Resolution	Accuracy	Scalable range
NDIR (Non-dispersive Infrared)			
Carbon Monoxide	1 ppm	±1% FSD	0 - 5000 ppm
Nitric Oxide	1 ppm	±1% FSD	0 - 1000 ppm
Sulphur Dioxide	1 ppm	±1% FSD	0 - 1000 ppm
Carbon Dioxide	0.10%	±1% FSD	0 - 20%
Hydrocarbon	0.10%	±1% FSD	0 - 5%
NDUV (Non-dispersive Ultraviolet)			
Nitrogen Dioxide	1 ppm	±1% FSD	0 - 1000 ppm
Sulphur Dioxide	1 ppm	±1% FSD	0 - 1000 ppm
Chlorine	1 ppm	±1% FSD	0 - 30 ppm
Hydrogen Sulphide	1 ppm	±1% FSD	0 - 50 ppm
TDLS (Tunable Diode Laser Spectrometry)			
Hydrogen Fluoride	1 ppm	±1% FSD	0 - 30 ppm
Hydrogen Chloride	1 ppm	±1% FSD	0 - 200 ppm
Hydrogen Sulphide	1 ppm	±1% FSD	0 - 200 ppm
Ammonia	1 ppm	±1% FSD	0 - 500 ppm
Zirconia			
Oxygen	0.10%	±1% FSD	0 - 30%
FID			
Total Hydrocarbon / Total Organic Carbon	1 ppm	±1% FSD	0 - 1000 ppm

02 Online Stack Dust Monitor - Opacity
BI 7010

Dual Pass Accurate
In-situ Measurement

2.4" TFT Display

Auto Purge Facility

NPL/TÜV Certified

Fail Safe Shutter

Direct Server Connectivity

Zero Maintenance Continuous Operation

Component-Level Repairability

24/7 Spares Availability

FEATURES

- In situ - Direct measurement in exhaust flue gas flow
- Unit programmable in mg/m^3, mg/Nm^3, % opacity
- RS485, supports Modbus protocol
- Rugged design with no moving parts so low maintenance
- Green LED source for long lifetime stability
- Single & Dual Pass Transmissometer
- IP65 rating enclosure
- Pressure-temperature compensation

TECHNICAL SPECIFICATIONS

Specifications	Details
Measuring range	0-100% Opacity, 0-1000 mg/m^3 user selectable
Units of measurement	mg/m^3, mg/Nm^3, % Opacity
Accuracy	±2% FSD
Resolution	0.1% Opacity & 0.1 mg/m^3
Drift	±1% / month
Operating wavelength	510-540 nm Green LED
Stack temperature	Up to 300°C
Power	24 VDC or 230 V AC optional on request
Output	4-20 mA Analog Output & 2 Relays
Digital communication	RS485 Modbus RTU
Input normalisation for temperature, pressure, O2/CO2 parameters	Provision for fixed keypad input
	Provision for analog input
	Provision for automatic measurement input

APPLICATIONS

- Thermal Power Plants
- Steel & Metallurgical Plants
- Cement Plants
- Chemical & Fertilizer Plants
- Paper & Pulp Mills
- Waste Incineration / Waste-To-Energy
- Mining & Minerals
- Sponge Iron Plants
- Boilers & Captive Power Units

03 Online Stack Dust Monitor - Triboelectric
BI 7020 Tribo

Optimized For Low Dust
In-situ Measurement

1.8" TFT Display

- **Auto-purge** Facility
- **Direct Server** Connectivity
- **Zero-maintenance** Continuous Operation
- **Component-Level** Repairability
- **24/7 Spares** Availability
- **NPL/TÜV** Certified

Bhoomi Triboelectric technology unifies the measurement process by integrating both DC impaction and AC induction electrostatic signals, resulting in a more reliable and sensitive output. This innovative approach provides significant advantages for applications in environmental compliance and process control.
BI 7020 Tribo Dust Monitor is a single-point/basic functionality particulate monitor employing charge induction sensing for reliable continuous monitoring of particulate in stacks, ducts, and pipes. Applications include filter leak detection, cyclone overflow, and powder flow/no flow.

FEATURES

- In-situ direct measurement in exhaust flue gas flow
- Unit programmable in mg/m³ & mg/Nm³
- Rugged design with no moving parts so low maintenance
- No manual adjustment / alignment required
- Automatic drift compensation
- Colour of particles will not affect the signal output
- Build-up of dust on the probe will not affect monitoring
- Vibration has no effect on the signal
- IP65 rating enclosure

TECHNICAL SPECIFICATIONS

Specifications	Details
Measuring range	0-1000 mg/m³
Units of measurement	mg/m^3, mg/Nm^3
Accuracy	±2% FSD
Resolution	0.1 mg/m³ display resolution
Drift	±1% / month
Stack temperature	-20° to +121°C
Material of construction	SS316
Probe Insertion length	305, 457, 600, 762, 914 mm. Customized length on request
Positioning	90 degree to duct wall
Power	24 VDC or 230 VAC optional on request
Output	4-20 mA Analog Output
Digital communication	RS485 Modbus RTU

APPLICATIONS

- Thermal Power Plants
- Steel & Metallurgical Plants
- Cement Plants
- Chemical & Fertilizer Plants
- Paper & Pulp Mills
- Waste Incineration / Waste-to-Energy
- Mining & Minerals
- Sponge Iron Plants
- Boilers & Captive Power Units
- Process Stacks
- DG Sets

04 Online Stack Flow Meter
BI 7300

Differential Pressure-Flow Measurement

1.8" TFT Display

BI 7300 Stack Flowmeter is used for continuous measurement of velocity in stack using Multiport Pitot Tube. It is based on 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.

Fully CPCB Compliant System

Extended Autonomous Operation

Seamless Server Connectivity

Auto Purge Facility

Component Level Serviceability

24/7 Spares Availability

FEATURES

- Multiport Pitot Tube
- Also measure Temperature, Static Pressure and Flow rate of emission gases
- Compensated for Pressure and Temperature
- Fully automatic purge system for high dust concentrations in stack
- Guarantee maintenance free continuous operations

TECHNICAL SPECIFICATIONS

Specifications	Details
Velocity	4 to 30m/s
Gas Temperature	550°C, High Temperature on request
Differential Pressure Sensor	Piezo-resistive type
Temperature Sensor	Pt100 type
Pitot Tube Length	0.5m, 1m, 1.5m, 2m
Pitot Tube MOC	SS316 / Inconel
Flange	ANSI Cl. 150 1.5". Other Flanges on request
Power	24 VDC or 230 V AC optional on request
Output	4-20 mA Analog Output & 3 Nos. Relay Output
Digital Communication	RS485 Modbus RTU

APPLICATIONS

- Thermal Power Plants
- Cement Plants
- Steel & Metallurgy
- Chemical & Fertilizer Plants
- Waste To Energy & Incinerators
- Petrochemical & Refineries
- Pulp & Paper
- Boilers / Captive Power Plants

05 Ambient Air Quality Monitoring System
BI 9000

Electrochemical
Infrared (IR) Technology
Photoionization Detection (PID) Technology

All In One
PM, Gas & Weather Monitoring

High Accuracy
Real-time Data

Cloud Enabled
Analytics

IP65 Rugged
Outdoor Design

Lower Power
Continuous Operation

Wireless Connectivity
With GNSS

Easy Pole &
Wall Mounting

FEATURES

- Municipalities, Governments and people to make better environmental decisions by providing real-time reliable and valuable air quality information.
- Transfer the collected data information to the intelligent cloud platform Process and provide customers with various monitoring information.

TECHNICAL SPECIFICATIONS

Specifications	Details
Particulates	PM 2.5: 0-1000 µg/m^3; Resolution: 1 µg/m^3; Accuracy: ±10 µg/m^3
	PM 10: 0-1000 µg/m^3; Resolution: 1 µg/m^3; Accuracy: ±25 µg/m^3
Gas Measurement	NO2: 0.05-5 ppm; Resolution: 1 ppb; Accuracy: 1% of full scale
	SO2: 0.05-5 ppm; Resolution: 1 ppb; Accuracy: 1% of full scale
	CO: 0.1-10 ppm; Resolution: 10 ppb; Accuracy: 1% of full scale
	O3: 0.01-5 ppm; Resolution: 1 ppb; Accuracy: 1% of full scale
	CO2: 400-5000 ppm; Resolution: 1 ppm; Accuracy: ±50 ppm ±1% FS
	VOCs: 0.5-15 ppm; Resolution: 0.01 ppm; Accuracy: 3%
Weather	Temperature : 0-65°C; Resolution : 0.1°C; Accuracy : ±0.5°C
	Humidity : 0 to 100 % RH; Resolution : 1%; Accuracy : ±3%
	Pressure : 300-1100 hPa; Resolution : 0.18hPa; Accuracy : ±0.6hPa
Environmental	Operating temperature : -10°C to 60°C
	Humidity: 5 to 95% RH
	Pressure: ±10%
Physical	Enclosure: IP65, Dimension : 225 x 140 x 170 mm
Mounting	Pole mount, Wall mount
Power	10-24 VDC Industrial supply, Average power consumption: 3W
	Input: 220- 240 VAC, 50 Hz Output: 12 VDC, 2A Ingress rating: IP65 (Optional)
Communication	Wi-Fi, GNSS, RS485 Modbus

APPLICATIONS

- Government & Municipal Bodies
- Smart City Projects
- Industrial & Manufacturing Units
- Power, Oil & Gas Sector
- Construction & Infrastructure
- Mining & Metals
- Chemical & Pharmaceutical Industries

01 In-situ Zirconia Oxygen Analyzer
BI 2100, BI 2000

Zirconia

Wide Range (0.01 to 100% O2) | High Temperature Operation

CE Certified

BI 2100

BI 2000

Display
2.4" TFT Display
MOC
SS 316L / Inconel / Alumina
Process Temperature
0-700°C, 0-900°C, 0-1600°C

- **High-Precision** Accuracy
- **Automated** Purge System
- **24/7** Spares Availability
- **Multi-Point** Calibration
- **Extended** Autonomous Operation
- **High-Temperature** Bypass Option
- **Ultra-Low** Signal Drift
- **Component-Level** Serviceability
- **HART** Communication

Specifications	BI 2100	BI 2000
Accuracy	±1%	±0.5%
Repeatability	±1%	±0.5%
Construction	Integrated sensor and heater	Separate sensor and heater
	Temperature controlled by regulating DC voltage and current	Inbuilt PID temperature controller with K type thermocouple
	Suitable for small to medium capacity boilers	Suitable for medium to large capacity boilers

In-situ Zirconia O2 Analyzer provides accurate measurement of excess oxygen in flue gas of combustion processes. Optimal combustion efficiency is achieved by maintaining the ideal level of oxygen in the flue gas.

It is designed to integrate with various process & site conditions. With no moving parts or sampling apparatus, the analyzer is extremely reliable. Zirconia sensor is very rugged & can withstand high temperature & pressure with lifecycle more than 5 years.

Continued...

01 ...Continued

BI 2100, BI 2000

Zirconia

Wide Range (0.01 to 100% O2) | High Temperature Operation

CE Certified

FEATURES

- Long Operational Life – Engineered with robust zirconia sensor technology to deliver reliable performance for years with minimal degradation.
- Low Measurement Drift – Ensures stable and accurate oxygen readings over long durations, reducing the need for frequent recalibration.
- Single-Point Calibration – Easy one-point calibration simplifies setup and minimizes downtime during routine checks.
- Zero Maintenance Design – Built for continuous operation without cleaning, replacement parts, or frequent service interventions.
- Thermal Shock Proof Construction – Withstands rapid temperature fluctuations in process conditions without affecting measurement accuracy or sensor life.
- Easy Field Repairability – Modular design allows quick on-site servicing, minimizing plant downtime and reducing maintenance cost.

APPLICATIONS

- Power Plants (Boilers & Turbines)
- Cement Rotary Kilns
- Steel & Metallurgical Furnaces
- Petrochemical & Refinery Heaters
- Chemical Reactors
- Glass & Ceramic Furnaces
- Pulp & Paper Boilers
- Waste Incinerators

TECHNICAL SPECIFICATIONS

Specifications	Details
Technology	Zirconia
Range	0.01-100% O2 Programmable
Accuracy	BI 2000 : ±0.5% of FS, BI 2100 : ±1%
Resolution	0.01%
Repeatability	BI 2000 : ±0.5% of FS, BI 2100 : ±1%
Response Time	T90< 3 sec
Flange	ANSI Cl. 150 3RF. Other Flanges on request
Power	24 VDC or 230 VAC optional on request
Output	4-20 mA analog output & 1 x relay output (2 auto calibration & 1 purge)
Digital Communication	RS485 Modbus RTU, HART
Probe Length	0.5, 1, 2, 3 m Customized length on request

Model changes with respect to sample gas temperature, Probe MOC & probe length. Refer below table

Model No.	Sample Gas Temperature	Probe MOC
BI 2100-S	0 - 700°C	Stainless Steel SS 316
BI 2100-HL	0 - 900°C	Inconel
BI 2100-HH	0 - 1600°C	Alumina
BI 2000-S	0 - 700°C	Stainless Steel SS 316
BI 2000-HL	0 - 900°C	Inconel
BI 2000-HH	0 - 1600°C	Alumina

Note : Available for Hazardous Area on request

02 Portable Flue Gas Analyzer
BI 1XX, BI 2XX

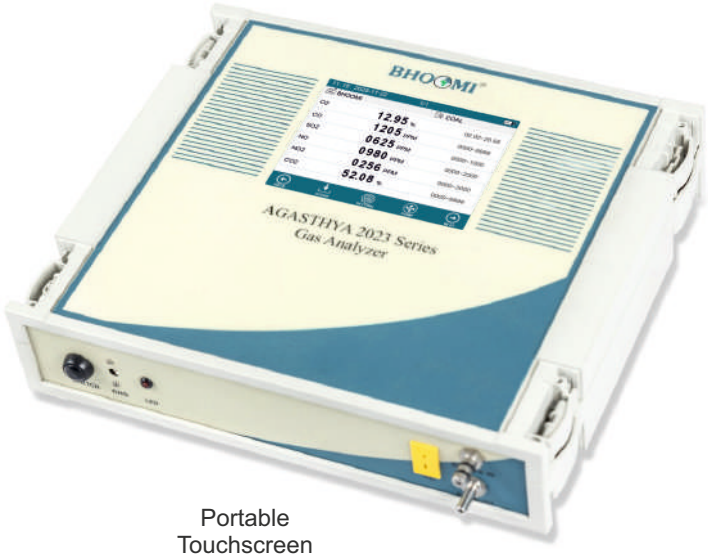
Non-dispersive Infrared Absorption (NDIR), Electrochemical (EC)

Multi-parameter Gas Sensor (CO, NO, NO_2, SO_2, CO_2, O_2, H_2S, NH_3, HC)

1XX Series

Portable
Handheld

2XX Series



Portable
Touchscreen

Portable Flue Gas Analyzer is multigas analyzer which can measure up to four / six flue gases of any combination technology with temperature & flow velocity measurement simultaneously.

Long-Life
Li-Ion Power

SD Card
Expandable Storage

Pitot Tube
Differential Pressure, Velocity, Flow Rate

Round-the-Clock
Spares Access

Tailored Probe
Configurations

Versatile
4/6-Gas Options

High-Temperature
1600°C Capability

Bluetooth & Wi-Fi
Smart Connectivity

Printer
Bluetooth

FEATURES

- Automatic zeroing when the analyzer is switched ON
- Robust/Rugged design that is easy to operate and maintain
- Fast warm-up and response
- Rechargeable Li-Ion battery operation
- Battery lifetime up to 8 hours
- 500 set of data storage
- Built in sample pump, filter and flowmeter
- Condensate removal
- Stainless steel probe with sample hose
- USB for Charging & Data communication
- Powerful windows software for analyzer data communication
- Hydrogen compensated CO measurement

Continued...

02 ...Continued

BI 1XX, BI 2XX

Non-dispersive Infrared Absorption (NDIR), Electrochemical (EC)

Multi-parameter Gas Sensor (CO, NO, NO_2, SO_2, CO_2, O_2, H_2S, NH_3, HC)

TECHNICAL SPECIFICATIONS

Specifications	Details
Sensor Technology	Non-dispersive Infrared Absorption (NDIR), Electrochemical (EC)
Measurement Gas	CO 0-10000 ppm scalable
	NO 0-5000 ppm scalable
	NO2 0-1000 ppm scalable
	SO2 0-5000 ppm scalable
	CO2 0-1%, 0-5%, 0-20%, 0-100% scalable
	O2 0-30% scalable
	H2S 0-500 ppm, 0-1000 ppm scalable
	NH3 0-500 ppm, 0-1000 ppm scalable
	HC 0-1%, 0-5%, 0-100% scalable
Process Parameter	Temperature: 0-600°C, Diff Pressure: ±150 mBar, Velocity: 0-50 m/s
Response Time (T-90)	≤30 seconds
Battery Capacity	Upto 10 hours, Upto 4 hours

APPLICATIONS

- Thermal Power Plants
- Boilers (Industrial & Commercial)
- Steel & Cement Plants
- Petrochemical & Refinery Units
- Process Heaters & Furnaces
- DG Sets (Diesel Generator Emission Testing)
- HVAC & Combustion Maintenance
- Textile, Paper, Food Processing

MODELS & PARAMETERS

2023 SERIES TOUCH SCREEN DISPLAY BASED MODELS	PARAMETERS
BI 210PV	O2, CO, Pressure, Velocity, Derived CO2, Flue gas temperature
BI 220	O2, CO, SO2, NO, Derived CO2, NOX, Flue gas temperature
BI 220PV	O2, CO, SO2, NO, Pressure, Velocity, Derived CO2, NOX, Flue gas temperature
BI 230	O2, CO, SO2, NO, HC, Derived CO2, NOX, Flue gas temperature
BI 230PV	O2, CO, SO2, NO, HC, Pressure, Velocity, Derived CO2, NOX, Flue gas temperature
BI FLEXI	Choice up to 6 sensors, Flue gas temperature

2017 SERIES KEYPAD DISPLAY BASED MODELS	PARAMETERS
BI 100	O2, Derived CO2, Flue gas temperature
BI 110	O2, CO, Derived CO2, Flue gas temperature
BI 110PV	O2, CO, Pressure, Velocity, Derived CO2, Flue gas temperature
BI 120	O2, CO, SO2, NO, Derived CO2, NOX, Flue gas temperature
BI FLEXI	Choice up to 4 sensors, Flue gas temperature
BI 130	O2, CO, SOx, NOx, HC, Derived CO2
BI 130 PV	O2, CO, SOx, NOx, HC, Derived CO2, Pressure, Velocity

01 Multigas Analyzer
BI 7400

NDIR, Zirconia, Paramagnetic, NDUV, UV DOAS, TDLS, Electrochemical, Thermal Conductivity, FID, PID, FTIR

Multi-gas Measurement
O_2, CO, NO, NO_2, SO_2, HCl, HF, H_2S, H_2, NH_3, Cl_2

Table Top
Touchscreen

Rack Mount
Touchscreen

Bhoomi make multi gas analyzers are used in research institutes, Industrial process, environmental monitoring, Health care and medical facilities, energy production and food & beverage industry. Multigas Analyzer is designed to meet the needs of various industrial process with combination of technologies.

- **Process-Specific** Customization
- **Component-Level** Repairability
- **Integrated** Multi-Tech Platform
- **24/7** Spares Support
- **Remote Calibration** Enabled
- **Cross-Sensitivity** Compensation
- **Long-Term** Autonomous Operation
- **Blowback** Cleaning System

APPLICATIONS

- Engineering Colleges
- Research Laboratories
- Technical Training Institutes
- Food Technology Departments
- Chemical & Biotechnology Universities
- Environmental Science Institutes

Continued...

BI 7400

NDIR, Zirconia, Paramagnetic, NDUV, UV DOAS, TDLS, Electrochemical, Thermal Conductivity, FID, PID, FTIR

Multi-gas Measurement
O_2, CO, NO, NO_2, SO_2, HCl, HF, H_2S, H_2, NH_3, Cl_2

TECHNICAL SPECIFICATIONS

Parameter	Resolution	Accuracy	Scalable Range
GAS OPTION – NDIR			
Carbon Monoxide	1 ppm	±1% FSD	0-1000 up to 10000 ppm
Nitric Oxide	1 ppm	±1% FSD	0-500 up to 5000 ppm
Sulphur Dioxide	1 ppm	±1% FSD	0-500 up to 5000 ppm
Nitrous Oxide	1 ppm	±1% FSD	0-100 ppm up to 1000 ppm
Carbon Dioxide	1 ppm, 0.1%	±1% FSD	0-50 ppm up to 100%
Methane	0.1%	±1% FSD	0-1% up to 100%
Hydrocarbon	1 ppm, 0.1%	±1% FSD	0-50 ppm up to 100%
GAS OPTION – NDUV			
Chlorine	1 ppm, 0.1%	±1% FSD	0-500 ppm up to 100%
Nitrogen Dioxide	1 ppm	±1% FSD	0-50 ppm up to 5000 ppm
GAS OPTION – UV DOAS			
Hydrogen Sulphide	1 ppm, 0.1%	±1% FSD	0-50 ppm up to 100%
GAS OPTION – TDLS			
Hydrogen Chloride	1 ppm	±1% FSD	0-50 up to 100 ppm
Hydrogen Fluoride	1 ppm	±1% FSD	0-10 up to 30 ppm
Ammonia	0.1 ppm	±1% FSD	0-15 up to 50 ppm
GAS OPTION – Zirconia			
Oxygen	0.1%	±1% FSD	0-30%
GAS OPTION – Paramagnetic			
Oxygen	0.1%	±1% of reading	0-25%, 0-100%
GAS OPTION - Electrochemical			
Oxygen	0.1%	±1% FSD	0-21% up to 100%
Carbon Monoxide	1 ppm	±20 ppm<500 ppm, ±5%>500 ppm	0-100 up to 10000 ppm
Carbon Monoxide	0.01%	±5% FSD	0-10%
Nitric Oxide	1 ppm	±5 ppm<100 ppm, ±5% FSD >100 ppm	0-500 up to 5000 ppm
Nitrogen Dioxide	1 ppm	±5 ppm<100 ppm, ±10 ppm<500 ppm ±5% FSD >500 ppm	0-1000 ppm
Sulphur Dioxide	1 ppm	±5 ppm<100 ppm, ±5% FSD >100 ppm	0-500 up to 5000 ppm
Hydrogen Chloride	1 ppm	±5 ppm	0-50 up to 200 ppm
Hydrogen Fluoride	1 ppm	±1 ppm	0-10 up to 30 ppm
Hydrogen Sulphide	1 ppm	±5 ppm<100 ppm, ±5% FSD >100 ppm	0-50 up to 5000 ppm
Hydrogen	1 ppm	±5 ppm<100 ppm, ±5% FSD >100 ppm	0-1000 up to 4%
Ammonia	1 ppm	±5 ppm<100 ppm, ±5% FSD >100 ppm	0-1000 ppm
Chlorine	1 ppm	±2 ppm<50 ppm, ±3% FSD >50 ppm	0-50 up to 400 ppm
GAS OPTION – Thermal Conductivity			
Hydrogen	0.01%	±1% FSD	0-100%
FID			
Total Hydrocarbon / Total Organic Carbon	1 ppm	±1% FSD	0 - 1000 ppm
Fourier Transform Infrared spectroscopy (FTIR)			
SO2	1 ppm	±1% FSD	0 - 100 ppm
NO2	1 ppm	±1% FSD	0 - 200 ppm
CO	1 ppm	±1% FSD	0 - 300 ppm
CH4	1 ppm	±1% FSD	0 - 500 ppm
HCl	1 ppm	±1% FSD	0 - 120 ppm
HF	1 ppm	±1% FSD	0 - 60 ppm
NO	1 ppm	±1% FSD	0 - 225ppm
CO2	0.01%	±1% FSD	0 - 20%
O2	0.01%	±1% FSD	0 - 25%
NMHC	1 ppm	±1% FSD	0 - 500 ppm
VOC	1 ppm	±1% FSD	0 - 1000 ppm
TOC / THC	1 ppm	±1% FSD	0 - 1000 ppm
PID			
VOC:	1 ppm	±1% FSD	0 - 1000 ppm

02 Trace Oxygen Analyzer
BI 3XX

Electrochemical, Zirconia
Paramagnetic, Colorimetric

Trace O_2 in Inert & Process Gases

Rack Mount
Touchscreen

Portable
Touchscreen

Panel & Rack Mount
TFT Display

Panel & Rack Mount
LED Display

- **Online or Intermittent** Measurement
- **Explosion-Proof** System Options
- **Mounting Options** Wall, Table top, Panel & Rack Mount
- **Colorimetric** Trace Technology
- **HART** Communication
- **PPM and Percentage** Modes

02 ...Continued

BI 3XX

Electrochemical, Zirconia
Paramagnetic, Colorimetric

Trace O_2 in Inert & Process Gases

BI 3XX measures Traces of Oxygen in ppb, ppm & % level in process gas. For O2 measurement Electrochemical, Zirconia & Paramagnetic technology is used. There are various models of oxygen analyzer depending on range, unit of measurement, technology & mounting.

APPLICATIONS

- Power Plants (Boilers & Turbines)
- Cement Rotary Kilns
- Steel & Metallurgical Furnaces
- Petrochemical & Refinery Heaters
- Chemical Reactors
- Glass & Ceramic Furnaces
- Pulp & Paper Boilers
- Waste Incinerators

TECHNICAL SPECIFICATIONS

Model No.	BI 300	BI 310	BI 320	BI 330	BI 360	BI 340
Technology	Electrochemical	Electrochemical	Zirconia	Paramagnetic	Colorimetric	Electrochemical
Range & Resolution	0-10 ppm, 0.1 ppm 0-100 ppm, 0.1 ppm 0-1000 ppm, 1 ppm	0-30 %, 0.01%	0-1000 ppm, 1ppm / 0-30%, 0.01%	0-30%, 0.01%	0-100 ppm, 0.1 ppm, 0-1000 ppm, 0.1 ppm, 0-10000 ppm, 0.1 ppm	0-10 ppm, 0.1 ppm 0-100 ppm, 0.1 ppm 0-1000 ppm, 1 ppm 0-30%, 0.01%
Accuracy & Repeatability	± 1% of FS		± 0.1% of FS	± 0.1% of FS	<± 3% of FS	± 1% of FS
Drift	<2% of full scale per month	1% of full scale six months		1% of full scale six months	Negligible	<2% of full scale per month
Response Time (T-90)	≤30 seconds	≤3 seconds		≤5 seconds	≤30 seconds	
Power	80 to 230 VAC 50 Hz					80-230 VAC, 50 Hz, Adaptor
Output	RS485 with Modbus Protocol, 4-20 mA, 2 nos. Relay					RS485
Enclosure	Wall, Panel, Rack & Tabletop					Portable

03 Oxygen Purity Analyzer
BI 4XX

Electrochemical, Zirconia, Paramagnetic, Ultrasonic Sensor

Oxygen (O_2) Purity (% Vol.)

Rack Mount
Touchscreen

Rack Mount
TFT Display

Rack Mount
LED Display

Portable
Handheld

Online or Intermittent Measurement

Explosion-Proof System Options

Mounting Options Wall, Table top, Panel & Rack Mount

Electrochemical / Ultrasonic / Paramagnetic Technologies

HART Communication

Continued...

03 ...Continued

BI 4XX

Electrochemical, Zirconia, Paramagnetic, Ultrasonic Sensor

Oxygen (O_2) Purity (% Vol.)

BI 3XX measures Traces of Oxygen in ppb, ppm & % level in process gas. For O2 measurement Electrochemical, Zirconia & Paramagnetic technology is used. There are various models of oxygen analyzer depending on range, unit of measurement, technology & mounting.

APPLICATIONS

- Industrial Gas Manufacturing
- Pharma & Biotechnology
- Food Packaging & MAP
- Semiconductor & Electronics
- Specialty Gas Filling Stations
- Chemical Plants
- Glove Box & Inerting Systems
- Heat Treatment & Metallurgy
- Laboratory Gas Lines

TECHNICAL SPECIFICATIONS

Model No.	BI 400	BI 410	BI 420	BI 430	BI 440	BI 450
Technology	Electrochemical	Paramagnetic	Electrochemical	Zirconia	Zirconia	Paramagnetic
Range & Resolution	0 - 100%, 0.01%	0-100%, 0.01% 95-100 %, 0.01%	0-100%, 0.01%	0.1-100%, 0.01%	0 .1-99.99 %, 0.01%	0-100%, 0.01% 95-100 %, 0.01%
Accuracy & Repeatability	± 1% of FS	<± 0.2% O2, <±0.02% O2	± 1% of FS	± 2% of reading ± 1%		± 1% of FS
Drift	<2% of full scale per month	<± 0.2% O2 per month	<2% of full scale per month	1% of full scale six months		<± 0.2% O2 per month
Response Time (T-90)	≤30 seconds	≤5 seconds	≤30 seconds	≤3 seconds		≤5 seconds
Power	80-230 VAC 50 Hz		5VDC, 2A Adaptor	80-230 VAC 50 Hz	24 VDC	80-230 VAC, 50 Hz, Adaptor
Output	RS485 with Modbus Protocol, 4-20 mA, 2 nos. Relay		-	RS485 with Modbus Protocol, 4-20 mA, 2 nos. Relay	4-20 mA	RS485 with Modbus Protocol, 4-20 mA, 2 nos. Relay
Enclosure	Wall, Panel, Rack & Tabletop		Portable	Wall, Panel, Rack & Tabletop	Panel, Rack	Wall, Panel, Rack & Tabletop

04 Oxygen Purity Analyzer
BI 480

Acoustic Technology

Oxygen (O_2) Purity (% Vol.)

Table top

Panel Mount
TFT Display

Acoustic Sensing Technology

Fast Response Time

Low maintenance Design

Explosion-proof System Options

Modbus Communication

Corrosion-resistant Materials

HART Communication

FEATURES

- 32-bit cortex-M3 ARM processor
- Acoustic speed of sound technology
- RS485, supports Modbus protocol
- PTFE tubing and corrosion-resistant components for internal sample health
- Flow meter for flow regulation

APPLICATIONS

- Oil & gas plants
- Petrochemical industries
- Chemical processing units
- Steel and metals
- Power generation plants
- Oxygen generation plants
- Industrial gas systems

TECHNICAL SPECIFICATIONS

Specifications	Details
Gas	O2
Method of Detection	Acoustic
Range Available	0 to 100% scalable
Resolution	0.01%
Aging	< ± 10 ppm/year
Response Time (T-90)	≤ 10 seconds
Display	LCD
Power	80 to 230 VAC 50 Hz, 24 VDC
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

Specifications	Details
Ambient Temperature	4 to 50ºC
Flow Meter	0.1-1 LPM
Enclosure	Rack
Sample Connection	1/4 inch S.S. Connection
Area Classification	General Purpose
Sensor Enclosure MOC	SS316
Sensor Filter Type	Sintered Filter
Cable Entries	2 Nos. M20
Manual / Auto Calibration	
Flow meter, Pressure regulator(14bar), Solenoid valves, Mist Filter	
Calibration Kit (Zero and span gas cylinder with accessories)	

05 Hydrogen Purity Analyzer
BI 600, BI 620

Thermal Conductivity
Wide Range (0–100%) | Stable, Continuous Measurement

Hydrogen (H_2) Purity (% Vol.)

BI 600

Table Top
2.4" TFT Display

BI 620

Portable
Handheld

Hydrogen Purity Analyzer measures Hydrogen purity in % level in process gas. For H2 measurement Thermal conductivity technology is used.

Explosion-Proof
Models Available

Component-Level
Repairability

HART
Communication

Thermal Conductivity
Technology

24/7
Spares Availability

TECHNICAL SPECIFICATIONS

Specifications	Details
Method of Detection	Thermal Conductivity sensor for H2
Range Available	0-100% scalable
Resolution	0.01%
Accuracy & Repeatability	± 1% of FS
Drift	0.5% per year
Response Time (T-90)	≤ 10 seconds
Power	80 to 230 VAC 50 Hz
Digital Output	RS485 Modbus RTU protocol
Analog Output	4-20 mA (max load resistance up to 500 Ω)
Relay Output	2 nos. of potential free contacts

APPLICATIONS

- Industrial Gas Manufacturing
- Pharma & Biotechnology
- Food Packaging & MAP
- Semiconductor & Electronics
- Specialty Gas Filling Stations
- Chemical Plants
- Glove Box & Inerting Systems
- Heat Treatment & Metallurgy
- Laboratory Gas Lines
- Hydrogen Generation Plant
- Electrolyzers, PSA & Process Streams

06 Hydrogen Purity Analyzer
BI 670

Acoustic Technology | **Hydrogen (H_2) Purity (% Vol.)**

Table Top
2.4" TFT Display

Portable
Handheld

Acoustic Sensing Technology

Fast Response Time

Low maintenance Design

Explosion-proof System Options

Modbus Communication

Corrosion-resistant Materials

FEATURES

- 32-bit cortex-M3 ARM processor
- Acoustic speed of sound technology
- RS485, supports Modbus protocol
- PTFE tubing and corrosion-resistant components for internal sample health
- Flow meter for flow regulation

APPLICATIONS

- Power plant generators
- Hydrogen cooling systems
- Petrochemical industries
- Chemical processing units
- Industrial gas plants
- Hydrogen production units
- Electrolyzers, PSA & Process Streams

TECHNICAL SPECIFICATIONS

Specifications	Details
Gas	H2
Method of Detection	Acoustic
Range Available	0 to 100% scalable
Resolution	0.01%
Aging	< ± 10 ppm/year
Response Time (T-90)	≤ 10 seconds
Display	LCD
Power	80 to 230 VAC 50 Hz, 24 VDC
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

Specifications	Details
Ambient Temperature	4 to 50ºC
Flow Meter	0.1-1 LPM
Enclosure	Wall
Sample Connection	1/4 inch S.S. Connection
Area Classification	General Purpose
Sensor Enclosure MOC	SS316
Certification	CIMFR & PESO certified to Zone 1 & Zone 2, IIC,T6
Sensor Filter Type	Sintered Filter
Cable Entries	2 Nos. M20
Manual / Auto Calibration	
Flow meter, Pressure regulator(14bar), Solenoid valves, Mist Filter	
Calibration Kit (Zero and span gas cylinder with accessories)	

07 Helium Purity Analyzer
BI 610, BI 630

Thermal Conductivity
High Accuracy | Low Drift, Continuous Operation

Helium (He) Purity (% Vol.)

BI 610

Table Top
LED Display

BI 630

Portable
Handheld

Helium Purity Analyzer measures Helium purity in % level in process gas. For He measurement Thermal conductivity technology is used.

Explosion-Proof Models Available

Component-Level Repairability

HART Communication

Thermal Conductivity Technology

24/7 Spares Availability

TECHNICAL SPECIFICATIONS

Specifications	Details
Method of Detection	Thermal Conductivity sensor for He
Range Available	0-100% scalable
Resolution	0.01%
Accuracy & Repeatability	± 1% of FS
Drift	0.5% per year
Response Time (T-90)	≤ 10 seconds
Power	80 to 230 VAC 50 Hz
Digital Output	RS485 with Modbus Protocol
Analog Output	4-20 mA (max load resistance up to 500 Ω)
Relay Output	2 nos. of potential free contacts

APPLICATIONS

- Industrial Gas Manufacturing
- Pharma & Biotechnology
- Food Packaging & MAP
- Semiconductor & Electronics
- Specialty Gas Filling Stations
- Chemical Plants
- Glove Box & Inerting Systems
- Heat Treatment & Metallurgy
- Laboratory Gas Lines
- Helium Generation Plant

08 Binary Gas Analyzer
BI 8000

Thermal Conductivity (TCD)
Fast Response | Low Drift, High Stability

H_2, O_2, N_2, He, Ar, CO_2, CH_4
(Binary Gas Mixtures)

Table Top
TFT Display

Rack Mount
5.6" Touchscreen

A thermal conductivity sensor for binary gas analysis works by measuring how well a gas conducts heat, leveraging the principle that different gases have unique thermal conductivities, allowing them to quantify binary gases by sensing changes in heat transfer around a heated element using a Wheatstone bridge with a reference cell.

A platinum heating element is kept at a constant temperature. The element's temperature changes based on the thermal conductivity of the surrounding gas. A second identical element in a reference cell with pure known gas provides a baseline. The difference in resistance between the measurement and reference elements is measured indicating the concentration of the target gas.

- **Thermal Conductivity** Technology
- **Wide Measuring** Range
- **Binary Gas** Analysis
- **Pressure** Compensated
- **Low Drift** Sensor
- **Continuous** Operation
- **Accuracy** ±0.5 Of FS
- **Explosion-Proof** System Options

Comparison with Hydrogen Purity Analyzers

Specifications	BI 8000	BI 600	BI 620
Description	Binary Gas Analyzer	Hydrogen Purity Analyzer	Hydrogen Purity Analyzer
Mounting	Table Top, Rack Mount	Table Top	Portable, Handheld
Accuracy & Repeatability	±0.5% of FS	±0.5 - 1% of FS	±1% of FS
Power supply	230 VAC or 24 VDC		

BI 8000

Thermal Conductivity (TCD)
Fast Response | Low Drift, High Stability

H_2, O_2, N_2, He, Ar, CO_2, CH_4
(Binary Gas Mixtures)

RANGE OF GASES MEASURED

Measurement Component	Carrier Gas	Basic Range	Smallest Range	Smallest Range with suppressed Zero Point
H2	N_2 or Air	0 - 100%	0 - 0.5%	98 - 100%
O2	N2	0 - 100%	0 - 15%	85 - 100%
He	N_2 or Air	0 - 100%	0 - 0.8%	97 - 100%
CO2	N_2 or Air	0 - 100%	0 - 3%	96 - 100%
N2	Ar	0 - 100%	0 - 3%	97 - 100%
O2	Ar	0 - 100%	0 - 2%	97 - 100%
H2	Ar	0 - 100%	0 - 0.4%	99 - 100%
He	Ar	0 - 100%	0 - 0.5%	98 - 100%
CO2	Ar	0 - 60%	0 - 10%	-
Ar	CO2	40 - 100%	-	80 - 100%
CH4	N_2 or Air	0 - 100%	0 - 2%	96 - 100%
CH4	Ar	0 - 100%	0 - 1.5%	97 - 100%
Ar	O2	0 - 100%	0 - 3%	96 - 100%
N2	H2	0 - 100%	0 - 2%	99.5 - 100%
O2	CO2	0 - 100%	0 - 3%	96 - 100%
H2	He	20 - 100%	20 - 40%	85 - 100%
H2	CH4	0 - 100%	0 - 0.5%	98 - 100%
H2	CO2	0 - 100%	0 - 0.5%	98 - 100%
SF6	N2 or Air	0 - 100%	0 - 2%	96 - 100%
NO2	N2 or Air	0 - 100%	0 - 5%	96 - 100%
H2	O2	0 - 100%	0 - 0.4%	97 - 100%
Ar	Xe	0 - 100%	0 - 3%	99 - 100%
Ne	Ar	0 - 100%	0 - 1.5%	99 - 100%
Kr	Ar	0 - 100%	0 - 2%	96 - 100%
R125	N2 or Air	0 - 100%	0 - 4%	98 - 100%
D2	N2	0 - 100%	0 - 0.5%	97 - 100%
D2	He	0 - 100%	0 - 20%	40 - 100%
CH4	CO2	0 - 100%	0 - 2%	98 - 100%
C3H8	C4H10	0 - 100%	0 - 10%	90 - 100%
N2	Ne	0 - 100%	0 - 1.5%	98 - 100%
C3H8	N2 or Air	0 - 100%	0 - 4%	95 - 100%
*CO2	Ar	0 - 100%	0 - 8%	70 - 100%
*NH3	N2	0 - 70%	0 - 3%	55 - 70%
*C2H4	N2	0 - 100%	0 - 10%	60 - 100%
*H2O	N2	0 - 20%	0 - 4%	16 - 20%

*Increased Measuring temperature

09 Headspace Analyzer
BI 4000, BI 4100

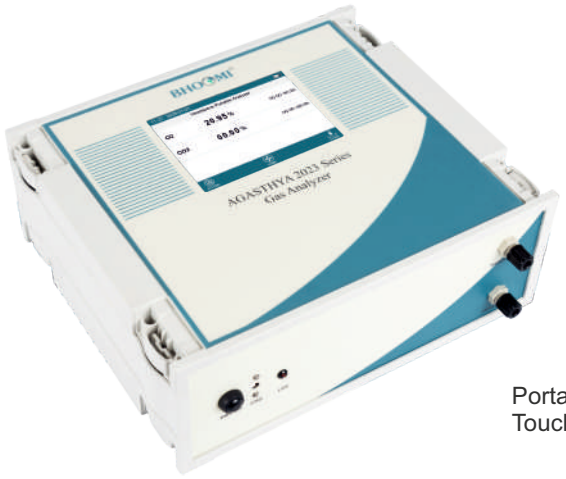
Electrochemical & NDIR Sensors
Quick Sampling | Non-destructive Testing

Residual O_2 / CO_2 in
MAP & Food Packaging

BI 4000

Portable
Handheld

BI 4100



Portable
Touchscreen

Headspace Analyzer BI 4000 & BI 4100 is specifically designed to test for the presence of oxygen in food packaged under modified and controlled atmospheres.

Economical
Performance Design

24/7
Spares Availability

Data Logging
500 Record Memory

O_2 / O_2-CO_2
Options

Compact System
Footprint

Mini-B Type Micro USB
PC Connectivity

Long-Life
Sensor Technology

Foam Pads
For Better Stability

TECHNICAL SPECIFICATIONS

Model No.	BI 4000	BI 4100
Technology	Electrochemical	Electrochemical
Range & Resolution	O2 : 0.1 to 21%, 0.1%, 0.01%	O2 : 0.1 to 21%, 0.1%, 0.01% CO2 : 0.1 to 100%, 0.1%, 0.01%
Repeatability	± 1% of reading	
Response time (T90)	15 sec	
Battery life	6 Hours	
Data Storage	500 Set of data (SD Card option)	
Power	Battery operated system with adapter - 5VDC	5 VDC

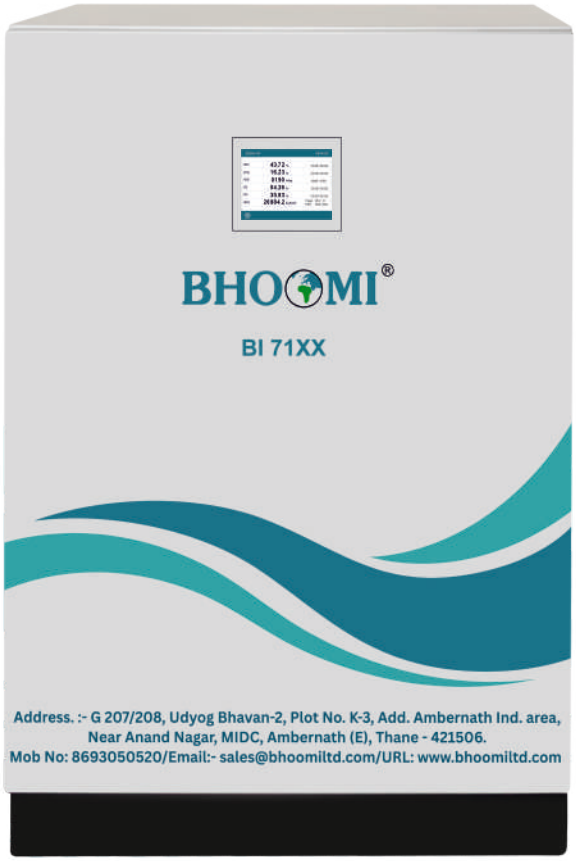
APPLICATIONS

- Food & Beverage
- Dairy & Snacks Manufacturing
- Meat & Poultry Packaging
- Bakery & Confectionery
- Pharmaceutical Packaging
- Nutraceuticals
- Ready-to-Eat Packaging Units

01 Landfill & Biogas Analyzer
BI 71XX

IR, Electrochemical, UV-DOAS Paramagnetic Technologies

High-moisture & H_2S - Resistant Biogas Monitoring
CH_4 , CO_2 , O_2 , H_2S



BI 7100 : Online Landfill
BI 7110 : Online Biogas

BI 7120 : Portable Biogas, Touchscreen
BI 7130 : Portable Landfill, Touchscreen

- **Explosion-Proof** Models Available
- **Component-Level** Repairability
- **HART** Communication
- **GCV monitoring** Enabled
- **Automatic** Moisture removal
- **24/7** Spares Availability
- **Built-in** Pump/Rotameter

Continued...

BI 71XX

IR, Electrochemical, UV-DOAS Paramagnetic Technologies

High-moisture & H_2S - Resistant Biogas Monitoring
CH_4 , CO_2 , O_2 , H_2S

Biogas Analyzer is designed to measure the gases like CH4, H2S, CO2 & O2 recovered and processed from Biogas Plants and sites.

FEATURES

- 32-Bit cortex-M3 ARM Processor
- Built-in sample pump, pre-filter, filters and flow meter
- Suction with maintenance free vaccum generation, option
- Relays for high & low alarms
- Long life Electrochemical O2 sensor
- Automatic moisture removal system included
- RS485, supports Modbus protocol
- Temperature controlled sensors for maximum stability
- GCV Calculation
- Isolated 4-20 mA analog output for each gas
- Infrared sensor for reliable measurement of CO2 and CH4
- Cabinet positive-pressure system to minimize the corrosive effects hydrogen sulfide (H2S) on cabinet electronics & sensors
- PTFE tubing and corrosion-resistant components for internal sample health

APPLICATIONS

- Biogas Plants
- CBG (Compressed Biogas) / SATAT Projects
- Wastewater Treatment Plants
- Sewage Treatment Plants (STP)
- Food Waste Digesters
- Agro / Rural Biogas Units
- Landfill Gas Extraction Sites
- Distillery & Brewery Waste Digesters

TECHNICAL SPECIFICATIONS

Specifications	Details
Method of Detection	NDIR, Electrochemical, NDUV Online, UV-DOAS Paramagnetic
Range Available	O2: 0-25% CO2: 0-10%, 0-50%, 0-100% CH4: 0-50%, 0-70%, 0-100% H2S: 0-200 ppm, 0-2500 ppm, 5000 ppm
Power	80 to 230 VAC 50 Hz (Online)
Output	Isolated 4-20 mA standard RS485, supports Modbus protocol
Relay Output	2 nos. of potential free contacts

02 Syngas, Biomass, Producer Gas Analyzer
BI 72XX

IR, Electrochemical, UV-DOAS
Thermal Conductivity
Paramagnetic Technologies

High CO & H_2 Concentration Gasification Analysis
CO, H_2 , CO_2 , CH_4 , O_2

BI 7200 : Online Syngas
BI 7210 : Online Biomass
BI 7220 : Online Producer Gas

BI 7230 - Portable Syn Gas
BI 7240 - Portable Producer Gas
BI 7250 - Portable Biomass

- **Explosion-Proof** Models Available
- **Component-Level** Repairability
- **HART** Communication
- **GCV Monitoring** Enabled
- **Automatic** Moisture Removal
- **24/7** Spares Availability
- **Built-in** Pump/Rotameter

Continued...

BI 72XX

IR, Electrochemical, UV-DOAS
Thermal Conductivity
Paramagnetic Technologies

High CO & H_2 Concentration Gasification Analysis
CO, H_2 , CO_2 , CH_4 , O_2

Syngas Analyzer is designed considering the flexibility required in the environments that characterize Syngas and bio-mass applications.

FEATURES

- 32-Bit cortex-M3 ARM Processor
- 5.7" QVGA TFT Touch Screen Display
- Touch-screen display for gas reading
- Built-in sample pump or pressure regulator
- Tried and tested technology with proven reliability
- High range on each channel available (up to 100%)
- H2 reading is compensated for the interference effect of the other gases measured
- Automatic moisture removal system included
- RS485, supports Modbus protocol
- Isolated 4-20 mA analog output for each gas
- Hi / Low gas, low flow and other alarms available
- Cabinet purge system available
- PTFE sample lines & sample components (where prudent)
- Optional - Suction with maintenance free vaccum generation

APPLICATIONS

- Biogas Plants
- CBG (Compressed Biogas) / SATAT Projects
- Wastewater Treatment Plants
- Sewage Treatment Plants (STP)
- Food Waste Digesters
- Agro / Rural Biogas Units
- Landfill Gas Extraction Sites
- Distillery & Brewery Waste Digesters

TECHNICAL SPECIFICATIONS

Specifications	Details
Method of Detection	NDIR, Electrochemical, NDUV Online, Thermal Conductivity, Paramagnetic
Range Available	O2: 0-25%, 0-50%, 0-100% CO: 0-10%, 0-50%, 0-100% CO2: 0-10%, 0-50%, 0-100% CH4: 0-50%, 0-100% H2: 0-5% 0-50%, 0-100%
Power	80 to 230 VAC 50 Hz (Online)
Output	Isolated 4-20 mA standard RS485, supports Modbus protocol
Relay Output	2 nos. of potential free contacts

01 Smart Gas Detector
BI 500, BI 510, BI 520, BI 540, BI 541

EC, Pellistor, NDIR, Solid State, PID Technologies

CIMFR / PESO / ATEX Certified

BI 500

Smart, 3-wire
1.8" TFT Display

BI 510, BI 520

2-wire, Loop Powered
3-wire in BI 520

BI 540, BI 541

2-wire, Loop Powered

Economical
Performance Pricing

Two-Wire / Three-Wire
Options

24/7
Spares Availability

Component-Level
Serviceability

PESO / BIS / CSIR / ATEX
Approved

Mini
Hooter-Flasher Option

Controller Connectivity
Enabled

HART
Communication

APPLICATIONS

- Chemical & Petrochemical
- Oil & Gas (Upstream / Midstream / Downstream)
- Pharmaceuticals
- Food & Beverage
- Manufacturing Plants
- Water & Wastewater Treatment
- Laboratories & R&D Centers
- Storage Tank Farms
- Power Plants
- Automotive & Battery Manufacturing

Note : Multi-channel (8, 16, 32, 64) Controllers are available for displaying multiple "ON" status readings in the control room.

Continued...

BI 500, BI 510, BI 520, BI 540, BI 541

EC, Pellistor, NDIR, Solid State, PID Technologies

CIMFR / PESO/ ATEX Certified

TECHNICAL SPECIFICATIONS

Model No.	BI 500	BI 520	BI 510	BI 540	BI 541
Power	15-28 VDC (Typically 24 VDC)		2-wire loop powered 24 VDC		
Display	TFT display	-	-	132×32 pixel graphic display	
Output	4-20 mA Analog Output & 3 Nos. Relay Output	4-20 mA Analog Output	4-20 mA Analog Output		4-20 mA Analog Output, HART
Digital Interface	RS485 Protocol Modbus		-	-	-
Mounting	Wall, Pole			Wall-mounted	Wall-mounted
Response Time	< 30 seconds	< 90 seconds	< 30 seconds	< 90 seconds	< 90 seconds
Certification	CIMFR/ PESO/ ATEX certified to Exd IIC T6, IP65	CIMFR / PESO / ATEX certified (Ex d IIC T6, IP66)		-	-

GAS, RANGE & TECHNOLOGY

Gas Type	Gases	Range	Resolution	Technology
C2H2	Acetylene	0 - 100% LEL	1% LEL	Pellistor
CH2CHCN	Acrylonitrile	0 - 100 ppm	1 ppm	EC
NH3	Ammonia	0 - 100 ppm	1 ppm	EC
NH3	Ammonia	0 - 500 ppm	1 ppm	EC
NH3	Ammonia	0 - 1000 ppm	1 ppm	EC
C4H9OH	Butanol	0 - 100% LEL	1% LEL	Pellistor
CO2	Carbon Dioxide	0 - 5% V/V	0.01% V/V	NDIR
CO2	Carbon Dioxide	0 - 100% V/V	1% V/V	NDIR
CS2	Carbon Disulfide	0 - 100 ppm	1 ppm	EC
CO	Carbon Monoxide	0 - 100 ppm	1 ppm	EC
CO	Carbon Monoxide	0 - 500 ppm	1 ppm	EC
CO	Carbon Monoxide	0 - 1000 ppm	1 ppm	EC
Cl2	Chlorine	0 - 20 ppm	0.1 ppm	EC
CH2O	Formaldehyde	0 - 10 ppm	0.1 ppm	EC
C6H14	Hexane	0-100 LEL	1% LEL	Pellistor
C6H14	Hexane	0-100 LEL	1% LEL	NDIR
H2	Hydrogen	0 - 1000 ppm	1 ppm	EC
H2	Hydrogen	0 - 100% LEL	1% LEL	EC
H2	Hydrogen	0 - 100% LEL	1% LEL	Pellistor
HC	Hydro Carbon	50 - 1000 ppm	1 ppm	Solid State
HCN	Hydrogen Cyanide	0 - 100 ppm	1 ppm	EC
HCl	Hydrogen Chloride	0 - 20 ppm	0.1 ppm	EC
HF	Hydrogen Fluoride	0 - 10 ppm	0.1 ppm	EC
H2S	Hydrogen Sulphide	0 - 100 ppm	1 ppm	EC
CH4	Methane	0 - 100% LEL	1% LEL	Pellistor
CH4	Methane	0- 100% V/V	1% V/V	NDIR
	Mercaptan	0 - 20 ppm	0.1 ppm	EC
	LPG	0 – 100% LEL	1% LEL	Pellistor
	Natural Gas	0 – 100% LEL	1% LEL	Pellistor
NO2	Nitrogen Dioxide	0 - 20 ppm	0.1 ppm	EC
O2	Oxygen	0 - 25% V/V	0.1% V/V	EC
O3	Ozone	0 - 1 ppm	0.01 ppm	EC
PH3	Phosphine	0 - 10 ppm	0.01 ppm	EC
COCl2	Phosgene	0 - 1 ppm	0.01 ppm	EC
C8H8	Styrene	0 - 100 ppm	1 ppm	EC
SO2	Sulphur Dioxide	0 - 20 ppm	0.1 ppm	EC
C2H3Cl	Vinyl Chloro Monomer	0 - 100 ppm	1 ppm	EC
C4H8	VOC (Isobutylene)	0 - 1000 ppm	1 ppm	PID
C4H8	VOC (Isobutylene)	0 - 40 ppm	0.1 ppm	PID

01 Multiparameter Water Quality Monitoring System
BI 1000

Electrochemical, Photometric, Polarometric
UV Absorption / Flourescence, Pt100

- **Explosion-proof** For Hazardous Zones
- **Component-level** Repairable Design
- **Plug-and-play** Operation
- **Measures** Up To 9 Parameters
- **Built-in** Data Logger
- **USB Excel Report** Download
- **TUV** Certified


COD/BOD/TOC Sensor


Turbidity Sensor - Low Range


pH/Temp/ORP Sensor


DO Sensor


NH3-N/TN Sensor


Conductivity/TDS/Salinity Sensor


Turbidity Sensor - High Range


Chlorine Sensor


Oil in Water Sensor

Continued...

BI 1000

Electrochemical, Photometric, Polarometric UV Absorption / Flourescence, Pt100

FEATURES

- Real-time water quality measurement
- All water quality sensor are digital sensor with RS485 Modbus interface
- Digital intelligent sensor can be arbitrarily combined, plug and play, and the controller can recognized automatically
- 7” touch screen display, easy to operate & interface
- Data logger function, all measured data will be recorded
- Multi-parameters water quality Analyzer is equipped with USB interface; user can download report in excel format
- Upto 12 parameters can be measured
- Supply - 230 VAC

APPLICATIONS

- Effluent treatment plant
- Common effluent treatment plant
- Secondary water supply
- Aquaculture farming
- River water quality monitoring
- Sewage treatment plant
- Groundwater quality monitoring etc.

CONTROLLER SPECIFICATIONS

Power Supply	110-230 VAC or 9-36 VDC
Digital Communication	RS485 Modbus protocol

PARAMETERS & RANGE

Parameters	Range	Repeatability	Accuracy	Measurement Principle
Ammonium	0-1000 mg/l	±0.2 mg/l	±2%	UV Absorption
Nitrates ±2%	0-1000 mg/l	±0.1 mg/l	±2%	UV Absorption
Nitrites	0-20 mg/l	±0.1 mg/l	±2%	UV Absorption
COD	0-2000 mg/l	±1 mg/l	±2%	Correlation UV Absorption
BOD	0-1000 mg/l	±0.5 mg/l	±2%	Correlation UV Absorption
TOC	0-1000 mg/l	±0.5 mg/l	±2%	Correlation UV Absorption
Total Nitrogen	0-100 mg/l	±1 mg/l	±2%	Photometric
Sulphides	0-2 mg/l	±0.1 mg/l	±2%	UV Absorption
TSS	0-1500 mg/l	±1% of reading or ±2 mg/l	±2%	IR Nephelometry
MLSS	0-1500 mg/l	±1% of reading or ±2 mg/l	±2%	IR Nephelometry
Turbidity	0-1000 NTU	±1 NTU	±2%	IR Nephelometry
Chlorine	0-10 mg/l	±0.1 mg/l	±2%	Electrochemical
Chlorophyll A	0-100 µg/l	±0.1 µg/l	±2%	UV Fluorescence
Oil in Water	0-100 ppm	±0.1 ppm	±2%	UV Fluorescence
PAH (Aromatics)	0-10 mg/l	±0.01 mg/l	±2%	UV Fluorescence
Dissolved Oxygen	0-25 mg/l	±0.1 mg/l	±2%	UV Fluorescence
Dissolved Oxygen	0-25 mg/l	±0.1 mg/l	±2%	Polarographic
Conductivity	0-2000 µS	±1 µS	±2%	Electrochemical
pH	0-14 pH	±0.01 pH	±2%	Electrochemical
ORP	±2000 mV	±1 mV	±2%	Electrochemical
Temperature	0-80°C	±0.1°C	±2%	Pt100
Mercury	0-100 µg/l	±0.1 µg/l	±2%	-
Ozone	0-10 mg/l	±0.1 mg/l	±2%	UV Absorption

02 Water Sensors
BI 13XX Series

Industrial Water Sensing **pH, ORP, Conductivity, DO, Turbidity, TDS**

pH / ORP / Conductivity / TDS / TSS / Turbidity / Chlorine / Dissolved Oxygen Analyzer

pH/ORP System (BI 1310)

- Range : 0-14 pH
- Housing material : PPS
- Cable length : 3 meter
- Temperature range : 0-100°C
- Accuracy : 0.2 pH

NH3/TN System (BI 1320)

- Range : 0-1000 mg/L
- Housing material : PP + PVC
- Cable length : 10 meter
- Temperature range : 0-50°C
- Accuracy : ± 2.5%

Conductivity/TDS/Salinity System (BI 1330)

- Range :
  Conductivity: 0-200 mS/cm (Range Programmable)
  TDS: 0-50000 ppm (Range Programmable)
- Housing material : SS316L
- Cable length : 5 m
- Temperature range : -10 to 150°C

Chlorine System (BI 1340)

- Range : 0-20 mg/L
- Housing material : PP, Glass
- Cable length : 5 m
- Temperature range : 0-50°C
- Accuracy : ±0.05 mg/L

DO System (BI 1360)

- Range : 0-5/10/20 mg/l or ppm
- Housing material : SS316L
- Cable length : 10 m
- Temperature range : 0-50°C
- Accuracy : ±0.2 mg/l or 1% F.S

Turbidity Sensor - Low Range / High Range

- Range : 0-100 NTU / 0-2000 NTU
- Housing material : ABS and POM plastic / POM
- Cable length : 2 m / 5 m
- Temperature range : -5 to 45°C / 0-50°C
- Accuracy : 2% or ±0.02 NTU / ±5% or 0.3 NTU, whichever is greater
- Self-cleaning sensor (with wiper)

Continued...

BI 13XX Series

Industrial Water Sensing

pH, ORP, Conductivity, DO, Turbidity, TDS

COD/BOD/TOC Sensor

- High Range : COD/BOD: 0-1500 mg/L, TOC: 0-600 mg/L, TSS: 0-500 mg/L
- Low Range : COD/BOD: 0-500 mg/L, TOC: 0-180 mg/L, TSS: 0-300 mg/L
- Housing material : SS316L
- Cable length : 10 m
- Temperature range : 0-50°C
- Accuracy : ±5 % FS

Oil in Water Sensor

- Range : 0 - 20 ppm
- Housing material : SS316
- Cable length : 10 m
- Temperature range : 0-50°C

TECHNICAL SPECIFICATIONS

Power Supply	110-230 VAC
Output	4-20 mA Analog output, 3 Relay output
Digital	RS485 Modbus protocol

APPLICATIONS

- Water & Wastewater Treatment
- RO Plant & Desalination
- Food & Beverage Processing
- Pharmaceutical & Biotech
- Chemical Processing
- Power Plants (Boilers & Cooling Towers)
- Pulp & Paper Industry
- Aquaculture & Fisheries

PARAMETERS & RANGE

Parameters	Range	Repeatability	Accuracy	Measurement Principle
Conductivity	0-2000 µs	± 1 µs	± 2%	Electrochemical
Dissolved Oxygen	0-25 mg/l	± 0.1 mg/l	± 1%	UV Fluorescence
pH	0-14 pH	± 0.01 pH	± 0.2%	Electrochemical
ORP	± 2000 mV	± 1 mV	-	Electrochemical
Temperature	0-80 °C	± 0.1 °C	± 0.3%	Pt 100 - 1000
Nitrates	0-1000 mg/l	± 0.1 mg/l	-	UV Absorption
Nitrites	0-20 mg/l	± 0.1 mg/l	-	UV Absorption
Chlorine	0-10 mg/l	± 0.1 mg/l	± 0.05%	Electrochemical
Ammonium	0-1000 mg/l	± 0.2 mg/l	± 2.5%	UV Absorption
Total Nitrogen	0-100 mg/l	± 1 mg/l	± 2.5%	Photometric
Sulphides	0-2 mg//l	± 0.1 mg/l	-	UV Absorption
TSS	0-1500 mg/l	± 1% of reading or +/-2 mg/l	± 5%	IR Nepheolometry
MLSS	0-1500 mg/l	± 1% of reading or +/-2 mg/l	± 5%	IR Nepheolometry
Turbidity	0-1000 NTU	± 1 NTU	± 5%	IR Nepheolometry

03 Single and Dual Channel Controllers
BI 13XX Series

Microprocessor-Based Controller

BI 1317

BI 1310

Agasthya 2021 Series Single Channel Controller model BI 13X0 is designed to measure different water quality parameters such as pH, ORP, Conductivity, Chlorine, Oil in Water, Dissolved Oxygen, Turbidity, Ammonia Nitrate (NH3-N) and Total Nitrogen (TN)

FEATURES

- 2.4” TFT display
- Intelligent menu operation
- Multiple automatic calibration function
- Manual and automatic temperature compensation
- High & low alarm and hysteresis control
- 4-20 mA & RS485 output
- Password protection function to prevent misoperation by non-staff

TECHNICAL SPECIFICATIONS

Display	2.4” TFT
Power Supply	AC - 85 - 305VAC; DC - 9 - 36 VDC
Relay Output	One 5A-250VAC, 5A-30VDC
Current Output	Single Channel : One 4-20 mA, 20-4 mA, 0-20 mA
	Dual Channel : Two 4-20 mA, 20-4 mA, 0-20 mA
Digital Communication	RS485 Modbus RTU
Dimensions	96x96x96mm
Mounting Type	Panel, Wall
Enclosure	Dustproof, IP 65

04 Multiparameter Controller
BI 1000

Microprocessor-Based Multiparameter Control

Agasthya 2021 Series Multiparameter Controller model BI 1000-C is designed to measure different water quality parameters such as COD, BOD, TOC, TSS, pH, NH3, TN, Chlorine, TDS/Conductivity, Oil in Water Sensor. Any combination of Six Sensor can be measured.

FEATURES

- Real-time water quality measurement
- All water quality sensor are digital sensor with RS485 Modbus interface
- Digital intelligent sensor can be arbitrarily combined, plug and play, and the controller can recognized automatically
- 7” touch screen display, easy to operate & interface
- Data logger function, all measured data will be recorded
- Multi-parameters water quality Analyzer is equipped with USB interface; user can download report in excel format
- Upto 9 parameters can be measured

TECHNICAL SPECIFICATIONS

Display	7" touchscreen display
Sensor Input	RS485 Modbus
Power	230 VAC or 24 VDC
Digital Interface	RS485 Modbus
Data Logging	Through USB
Sensor IP Rating	IP68
Controller IP Protection	IP65
Electronic Enclosure Dimension	320 (L) x 270 (W) x 121 (H) mm

Our Clients


adani Power
ऑयल इंडिया लिमिटेड Oil India Limited
एनटीपीसी NTPC
ADITYA BIRLA
बीएचईएल BHEL
Bayer CropScience
JINDAL STEEL & POWER
Coromandel
Dr.Reddy's
Reliance Industries Limited
LARSEN & TOUBRO
RALLIS INDIA LIMITED
MANGALAM CEMENT
MAHAGENCO Maharashtra State Power Generation Co. Ltd.
BKT GROWING TOGETHER
GHARDA CHEMICALS LIMITED
PARLE Namkeen
asianpaints
GHCL
embio
ipca A dose of life
BARC
Bharat RASAYAN LIMITED Protecting Prosperity
JSLA JINDAL STAINLESS
ELECTROTHERM
CEAT
Godrej
String Bio
CERA
सेल SAIL
SHRIRAM crops & more...
ESSAR OIL
FinOlex INDUSTRIES
torrent PHARMA
NPCIL
Evonith
Ashapura Group of Industries
gsk
WALCHANDNAGAR A Tradition of Engineering Excellence
KFL KRIBHCO Fertilizers Limited
SAJJAN INDIA LIMITED
Allison Transmission
BRITANNIA
Gillette
UNITED PHOSPHORUS LIMITED
नालको NALCO National Aluminium Company Limited
KALPA-TARU POWER TRANSMISSION LIMITED
Encube
HBL HBL Power Systems Limited
Roca
Indian Peroxide
KSEB
DUPONT
maithan alloys ltd
INFRASTRUCTURE GROUP
IISWBM
ATG ALLIANCE TIRE GROUP
JAY
JUBILANT INDUSTRIES
PUNJAB CHEMICALS AND CROP PROTECTION LTD.
Biophore
navitas life-changing opportunities to learn
ALLIED FURNACES PVT. LTD.
RCB

Our Clients


AVERY DENNISON
NEERI
shruti
Rama Pulp & Papers Limited
lasuco
POPURI
Focused On Excellence
SAIPL
BTC
Greadian
BTC
KIM MICROSYSTEMS
Complete Lab solution
CEMTREX
Globus Spirits
FORTUNE GROUP
THREE M PAPER
MANUFACTURING CO. PVT. LTD
CONCORD BLUE
SUDARSHAN
Rishabh
SARAWAGI
SINCE 1961
सीएसआईआर- एम्री
CSIR-AMPRI
PRIVI SPECIALITY CHEMICALS LIMITED
Cardolite
Chemistry for Tomorrow
ndri
Chevron
Indian Additives Ltd., India
DEEPAK FERTILISERS AND PETROCHEMICALS CORPORATION LIMITED
SRF
GLAND
GLAND PHARMA
SATYAM CEMENT
RSI
RAMKY
WML
CENTRAL UNIVERSITY OF GUJARAT
EVONIK
POWER TO CREATE
medicare
NIROS ISPAT PVT. LTD.
posco
UEA
Oriental
TOPWORTH
E-CUBE ENERGY
GERMI
LUPIN
Fayfa
CHEMICALS
THERMAX
CMJ BREWERIES
Maxima Boilers
ACL
SHK
SHRI HARE KRISHNA SPONGE (I) PVT. LTD.
DEEPAK NITRITE
RESPONSIBLE CHEMISTRY
SANGHI CEMENT
Turning Dreams into Concrete Reality
SHUBHALAKSHMI
GSECL
GUJARAT INSECTICIDES LTD.
Transpek
reative Chemistry
PRASOL CHEMICALS LTD
Cipla
Lonsen-Kiri
VANDANAA
SHRI BAJRANG POWER AND ISPAT LTD.
HIRA
GROWING STRONGER TOGETHER
RR ISPAT
LKIPL
AsahiSongwon
NANDAN STEELS & POWER LIMITED
iiwpl
INDIAN ISPAT WORK PVT. LTD.
STRUCTURAL ROLLING MILL
KINGER
BALAJEE
NAV DURGA
ISPAT (P) LTD.
HEATEX
THERMAL SOLUTIONS
JSW
JFE
JSW JFE Electrical Steel
Aarti Drugs Ltd.
Gujarat Insecticides Limited
RAKHOH
RAKHOH INDUSTRIES PVT. LTD.
Boilers | Heaters | Power Projects
Tagros
iBL
Group of Companies

BHOOMI®

Disclaimer : Images are indicative. Specifications may change without notice due to continuous R&D.

Bhoomi Process Management Pvt. Ltd. (sister concern of Bhoomi Analyzers)

Head Office
Unit 812-815, 8th Floor
The Gateway, GMLR
Mulund West
Mumbai, Maharashtra - 400080

Factory Address
Unit 207/208, G Wing, Udyog Bhavan-2, Plot No. K-3
Additional Ambernath Industrial area, Near Anand Nagar
MIDC, Ambernath (E)

Contact
T: +91-22-25916858 / 6916
E: sales@bhoomiltd.com
bhoomianalyzers@gmail.com
W: www.bhoomiltd.com

Website