



## INSITU ZIRCONIA OXYGEN ANALYZER

Insitu Zirconia Oxygen Analyzer BI 2100-S is designed for Combustion Process & Emission Monitoring where flue gas temperature is upto 700 deg C. It 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.

BI 2100 is best solution for small boilers manufacturer with reasonable cost. It can be customize 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 life cycle more than 5 years.

Online calibration can be performed during operation. The available mode of calibration are Auto Cal. & Manual Cal.

BI 2100 series is field repairable. All active components can be replaced, including the filter, sensing cell & electronic card.

## SPECIFICATIONS :

Technology	Zirconia
Range	0-100% O2 Programmabl
Accuracy	±0.5% of FS
Resolution	0.01%
Response Time	T90< 3 sec
Process Gas Temperature	0 -700° C
Probe MOC	Stainless Steel
Diffusion Element	Unbreakable Ceramic. Sintered Steel filter as optional

### Features:-

- Long Life Zirconia Sensor
- Low Drift
- One point Calibration
- Zero Maintenance
- Thermal shock proof
- Field repairable with ease