



## PORTABLE FLUE GAS ANALYZER

Portable Flue Gas Analyzer BI 100 is single gas analyzer which measure O2 gas.

Easy to maintain and service from user point of view, the analyzer is customizable to specific measurements and process stream conditions. A resilient stainless steel probe with thermocouple and condensate trap extracts the gas sample from stack / duct.

Portable Flue Gas Analyser has long-life, eight-hour battery charge. It can be started up and ready to measure within minutes. It is supported by automatic zero calibration and continuous system diagnostics to maintain excellent analytical performance throughout its operation. Robust and lightweight, is easy to transport and use.

## SPECIFICATIONS :

Sensor Technology	Electrochemical (EC)
Measurement Gas	0-30% scalable
Response Time (T-90)	≤30 seconds
Display	≤30 seconds
Power	80-230 VAC, 50 Hz, Adaptor
Battery	Lithium-ion rechargeable batteries
Communication	USB
Data Storage	Up to 150 set of data
Enclosure	Handheld
Operating Temperature	4 to 50°C

### Features:-

- 32-Bit Cortex-M3 ARM Processor
- Automatic zeroing when the analyzer is switched ON
- Robust/Rugged design that is easy to operate and maintain
- Fast warm-up and response
- Rechargeable battery operation
- Built in sample pump, filter and flowmeter
- Condensate removal
- Stainless steel probe with sample hose
- Battery lifetime up to 8 hours
- 150 set of data storage
- USB for Charging & Data communication
- Powerful windows software for analyzer data communication