

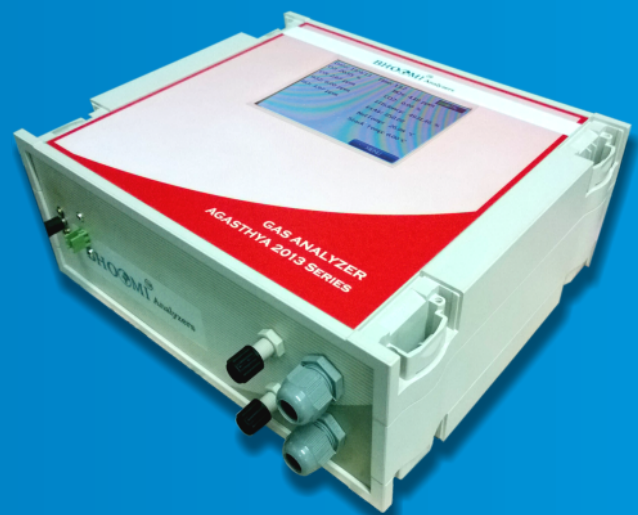
PORTABLE BIOGAS ANALYZER MODEL 7120

The Agasthya Series BI 7120 Portable Bio Gas analyzer has been designed for monitoring recovered and processed gases from land fill and bio gas sites.

This equipment continuously removes moisture from the wet sample gas and comes complete with pre-filter, sample pump, flow meter, continuous moisture removal system, long-life O₂, CO₂ & CH₄ sensor.

Features:

- 32-Bit Cortex-M3 ARM Processor
- 5.7" QVGA TFT Touch Screen Display
- Touch-screen display for gas readings
- Built-in sample pump or pressure regulator
- Tried and tested technology with proven reliability
- High ranges on each channel available (up to 100%)
- Automatic moisture removal system included
- RS 232 interface for data logging
- PTFE sample lines & sample components (where prudent)



PORTABLE BIOGAS ANALYZER MODEL 7120

Bhoomi Advantages

- Ensured after sales & service support
- Spares and accessories availability guaranteed
- Low cost of ownership, maintenance and installation
- Combination of technologies and integration under one roof

Specifications

- Method of Detection : NDIR infrared sensor for CO₂ & CH₄
Electrochemical sensor for O₂
Electrochemical sensor for H₂S (option)
- Ranges Available : O₂ 0-25.0%
CO₂ 0-10.0%, 0-50.0%, 0-100.0%
CH₄ 0-50.0%, 0-70.0%, 0-100.0%
H₂S 0-200 ppm, 0-2500 ppm
- Resolution : 0.1% for all gases
- Accuracy & Repeatability : ± 1.5% of reading for all gases
- Drift : Less than 2% of full scale per month
- Response Time (T-90) : 20-30 seconds to 90% step change
- Ambient Temperature Range : 4 to 50°C
- Power : 80 to 230 VAC 50 Hz adaptor
- Output Options : RS232 interface for data logging

BHOOMI[™] ANALYZERS

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