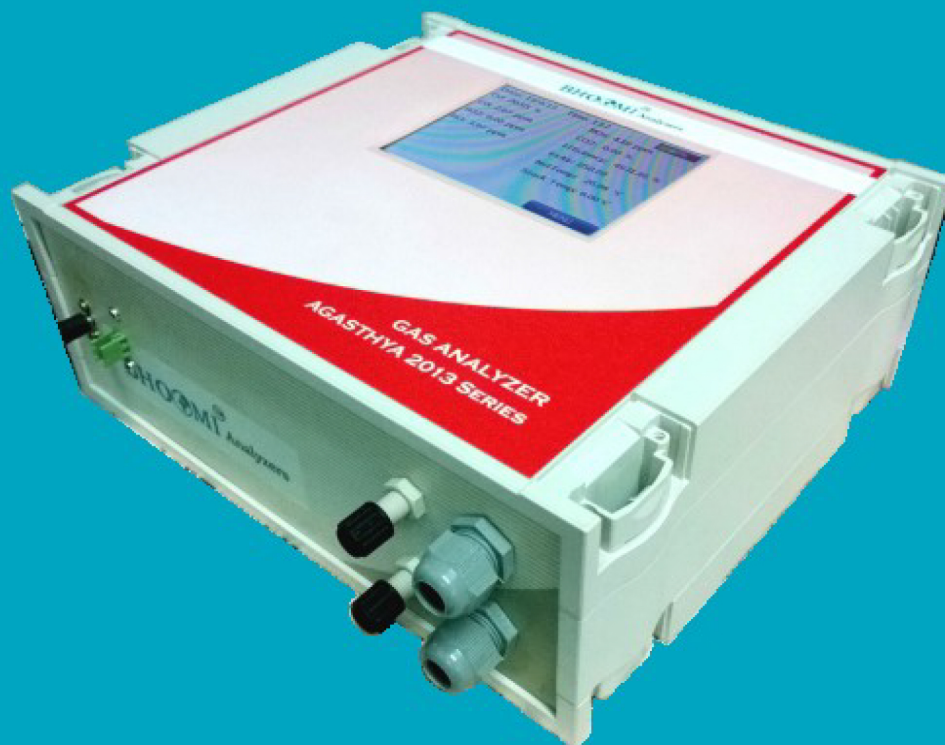


Agasthya 2013 Series Portable Bio Gas Analyzer Model BI 7120



Agasthya 2013 Series BI7120 Portable Bio Gas analyzer has been designed for monitoring recovered and processed gases from land fill and bio gas sites.

BI7120 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 reading
- Built-in sample pump or pressure regulator
- Tried and tested technology with proven reliability
- High range 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)health



Agasthya 2013 Series Portable Bio Gas Analyzer Model BI 7120

Specification

Method of Detection	: NDIR infrared sensor for CO ₂ , CH ₄ Electrochemical sensor for O ₂ Electrochemical sensor for H ₂ S (option)
Ranges Available	: O ₂ : 0-25% Resolution: 0.10% CO ₂ : 0-10%, 0-50%, 0-100%, Resolution: 0.10% CH ₄ : 0-50%, 0-70%, 0-100%, Resolution: 0.10% H ₂ S: 0-200 ppm, 0-2500 ppm, Resolution: 1 ppm
Accuracy & Repeatability	: ± 2% of reading for all gases
Drift	: Less than 2% of full scale per month
Response Time (T-90)	: 20-30 seconds
Ambient Temperature Range	: 4 to 50°C
Power	: 12V/24V DC adaptor
Output Options	: RS 232 interface for data logging

