

SYN GAS ANALYZER

Syn-Gas Analyzer System has been designed considering the flexibility required in the environments that characterize syn gas and bio-mass applications.

The analyzer uses high-stability infrared sensors for the simultaneous measurement of CO, CO₂ and CH₄. In addition, the analyzer can also be supplied with long-life electrochemical sensor for H₂.

All sensors are temperature-compensated for maximum analytical stability. Auto calibration functionality allows easy calibration without user intervention.



SPECIFICATIONS :

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

Features:-

- 32-Bit Cortex-M3 ARM Processor
- 5.7" QVGA TFT Touch Screen Display
- Touch-3screen 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)