PORTABLE MULTI GAS ANALYSIS PANEL

SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC
INSPIRING • ENGINEERING • INNOVATION

The Synergy Portable Multi Gas Analysis Panel is a compact, integrated gas monitoring system designed for analysing and monitoring Carbon Dioxide (CO_2), Carbon Monoxide (CO), and Oxygen (O_2) in breathing gas supplies. Housed in a rugged portable carrying case, the system incorporates three individual digital gas analyzers, each supported by a dedicated flow meter for controlled gas sampling and monitoring.

The panel features an integrated high-pressure supply arrangement with pressure gauge, isolation valve, regulator, filtration, and low-pressure supply gauge and control valve. Its clearly labelled instrumentation and individual analyzer controls provide convenient operation and monitoring during commercial diving and breathing gas quality control operations.



Part No: SY-MGAS-3G

SPECIFICATIONS:

PRODUCT:

- Synergy Portable Multi Gas Analysis Panel

SYSTEM CONFIGURATION:

- Three-channel gas analysis system.

GAS ANALYZER:

- Carbon Dioxide (CO_2) – Digital analyzer.
- Carbon Monoxide (CO) – Digital analyzer.
- Oxygen (O_2) – Digital analyzer.

ANALYZER CONTROL:

- Individual charging and Inbuilt battery
- Individual 9V charging point

GAS FLOW MONITORING:

- Dedicated flow meters for each analyzer.

HIGH-PRESSURE SUPPLY:

- External HP supply inlet.
- Maximum working pressure: **220 Bar**.
- 04 JIC incoming connection fitting.

LOW-PRESSURE SUPPLY:

- HP to LP regulator rated to 6000 Psi.
- LP supply pressure gauge.
- LP control valve.
- Pressure relief valve set to 150 Psi.

FILERATION:

- Integrated inline filter.

ENCLOSURE:

- Heavy-duty protective portable carrying case.
- Supplied by pelican model - 1550.

PANEL CONSTRUCTION:

- All tubing used are SS316/316L.
- All valve & fittings are rated to 3000 Psi.
- Bespoken design able to connect directly with HP compressor rated to 200 Bar supply.

PORTABILITY:

- Compact, self-contained portable design.

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