



Decompression chambers
Hyperbaric research
Dry deck shelters

Hyperbaric Analyser

The Hyperbaric Analyser is a digitally calibrated, portable instrument, that can measure CO₂ and O₂ levels under hyperbaric conditions up to 6 bar absolute. A dual wavelength infra-red cell is used for quantifying CO₂ levels and the effects of pressure broadening are automatically compensated by the instrument. Oxygen levels are determined by an integral long-life hyperbaric electro-chemical cell.

Benefits

- No need to compensate for pressure broadening
- Repeatable and accurate CO₂/O₂ monitoring under hyperbaric conditions
- Approved by the US Navy

Features

- Ambient pressure measurement
- Automatic data acquisition capability
- CO₂: 0-25,000ppm SEV
- O₂ : 0-25% VOL (Pressure compensated)
- Fully compensated up to 6 bar absolute



Applications

- Decompression chambers
- Submarines
- Offshore exploration
- Hyperbaric research projects
- Dry deck shelters



Related Products DiveAir 2

The DIVEAIR2 is used to measure composition of compressed air used to fill gas cylinders for underwater operations. It can also measure possible contaminations due to Carbon Monoxide and VOCs. Offering real time feedback on air quality, this instrument removes the need to send samples for laboratory analysis.

Product Specifications

Hyperbaric Analyser

Operating Temperature	0°C to +40°C (32°F to 104°F)
Relative Humidity	0 - 100%, non condensing
Power Supply	Internal rechargeable NiCad batteries, 2 x 3.6 volt
Battery life	8 hours from full charge
Dimensions	220 x 225 x 51mm, (8.7 x 8.9 x 2.0 Inches)
Weight	Approx 2.8 Kg

For complete technical specifications, please contact: sales@geotech.co.uk

Ordering Information

HB1.2 Portable gas analyser. CO₂ range, 1 - 25,000 ppm SEV. O₂ range 0 - 25% VOL

Supplied with 110 volt or 220-240 volt battery charger.

Visit our website - www.geotech.co.uk



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