ICA INTERNATIONAL CONTROLLED ATMOSPHERE

ICA Instruments

Rugged Dual O_2 & CO_2 Analyser ICA 350

This dual gas analyser is simple to use, rugged, portable and with excellent accuracy making it very suitable for local monitoring of Controlled atmosphere storage rooms.

Transport and storage is possible in all weather conditions with the protective water resistant lid closed.

Oxygen is measured with a high-performance electrochemical oxygen sensor. The zero calibration is very stable and the reading in air is adjusted with the simple front panel span control.
The carbon dioxide is measured with a miniature, fully enclosed infrared sensor that is highly stable and requires infrequent calibration.

Two simple LCD displays are illuminated when the pump is running for good low light visibility.

A high-efficiency diaphragm pump gives a good sample flow and a hydrophobic filter prevents water being sucked into the gas sensors. A timer terminates the pump operation after 3 minutes.

Power is provided from a high efficiency NiMH battery with sufficient capacity for an 8 hour working day. The supplied multi voltage charger is used for both battery charging and continuous mains operation.

If voltage and current outputs are required for connecting to recorders and controllers then we recommend our ICA250 analyser.

- **0-25% O_2 & 0-20% CO_2**
- **0.1% Resolution**
- **Infra Red CO_2 sensor**
- **High performance O_2cell**
- **Rugged & lightweight**
- **Waterproof case**
- **Low calibration drift**
- **Sampling pump**
- **Rechargeable NiMH battery**
- **Water blocking filter**

Specifications :
Range 25% O_2 20% CO_2
Resolution: 0.1% Repeatability: 0.2%,
O_2 cell life: typically 2 years,
Battery capacity: 8 hrs operation between charges.
Charger: universal 100 to 240v ac.
Dimensions : 210 x 90 x 170 mm.
Sample flow 0.8 L/min. Response time: 98% in 60 sec

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