

SCS350 DUAL GAS ANALYSER



The SCS350 O₂ & CO₂ 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. Two simple LCD displays are illuminated when the pump is running for good low light visibility. 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. Carbon dioxide is measured with a miniature, fully enclosed infrared sensor that is highly stable and requires infrequent calibration.

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 SCS250 analyser.

SPECIFICATIONS

Resolution: Above 5% 0.1%, Below 5% 0.01%.

Repeatability: 0.1%, (0.05 below 5%).

O₂ cell life: Typically 4 years.

Battery capacity: 4hrs operation between charges.

Charger: universal 100 to 240v ac

Dimensions: 130 x 160 x 200 mm (excluding handle).

Sample flow: 1L/min.

Response time: O₂: 99% in 30 sec. CO₂: 99% in 60 sec.

FEATURES

- ▣ 0-25% O₂ & 0-20% CO₂
- ▣ 0.1% Resolution
- ▣ Infra-Red CO₂ sensor
- ▣ High Performance O₂ Cell
- ▣ Rugged & Lightweight
- ▣ Waterproof Case
- ▣ Low Calibration Drift
- ▣ Sampling Pump
- ▣ Rechargeable Battery
- ▣ Water Blocking Filter