

ipos 2 O₂ or O₂&CO₂



THE VERSATILE STANDALONE GAS ANALYSER FOR YOUR MODIFIED ATMOSPHERE PACKAGING



BENEFITS

Reliable and robust : Protected against splashes.

Take quick and precise measurements :
O₂ resolution of 0.01% (T₉₀ < 5 sec.)

Store your data : Results (400 measurements) can be transferred via the USB port.

Protect the pump and sensors : Equipped with flow control to prevent product getting into the circuit. Sensors are not sensitive to alcohol or acid (e.g. vinegar, etc.)

How can you maintain your packaging atmospheres?

Manufactured entirely in France, the **IPOS 2 O₂ or O₂&CO₂**, ABISS® branded product is a versatile analyser that can be used on a table or portably. With its rechargeable battery, this device can be moved from the lab to the production site.

The only gas analyser with a clogged circuit detector and IP54 protection, **IPOS 2** provides robust and reliable quality control for your modified atmosphere packaging (MAP).

Quick and precise, the O₂ value is displayed to two decimal places. The portable device includes a general power switch to preserve battery life when stored and automatically switches to power-saving mode after 5 minutes.

FEATURES

- O₂ or O₂&CO₂ gas analysis
- O₂ resolution : **0.01%**
- Adjustable **pumping time**
- **Detects** clogged circuits
- **Create programmes** with alarm thresholds
- **Compensates** for variations in atmospheric pressure
- **Memorises the last 400 measurements**
- **Option:** Data transfer via USB port

SCOPE OF APPLICATION

IPOS 2 is used **in the food processing, cosmetics and pharmaceutical industries** for all types of modified atmosphere packaging (MAP).

HOW DOES IT WORK?

1. Prepare the test

Use the retaining arm to pierce the packaging with a needle through a septum. Once the needle is in position, the test can begin

2. Start the test

GAS ANALYSIS

The device takes a small volume of gas from the headspace and analyses its composition in O₂ and/or CO₂ in V/V %

3. End of the test

The results remain displayed on the screen.

Remove the needle from the packaging.

You can perform another test on another package.

SPECIFICATIONS

IPOS 2 O₂ OR O₂&CO₂

| | |
|------------------------------|--|
| Device | Portable IP54 analyser in aluminium with a 4-line 20-character LCD interface |
| Weight and dimensions | 1.1 kg - L 130 mm x H 95 mm x D 180 mm |
| Power supply | 100-250 VAC by external charger - 50/60 Hz |
| Ports | 1 USB 2.0 with adapter cable |
| Features | Clogged circuit detector Pump suction control Compensates for variations in atmospheric pressure Complete traceability Results storage |
| Battery life | NiMH up to 4500 measurements (autonomous up to 24h for Ipos2 O ₂). Recharges in 4 hours (80% in two hours) |

O₂ GAS ANALYSIS

| | |
|-----------------------------|----------------------------|
| Technology | Electrochemical |
| Precision | +/- 1% relative |
| T90 response time | < 5 sec. |
| Resolution | +/-0.01% |
| Average service life | < 2 years in air under NTP |

CO₂ GAS ANALYSIS

| | |
|-----------------------------|-------------------|
| Technology | NDIR |
| Precision | +/- 2% full scale |
| T90 response time | 7 sec. |
| Resolution | 0.1% |
| Average service life | 10 years |

OPTIONS

- USB transfer pack: data is transferred via the USB port via the software provided with the option.

ACCESSORIES

- Can piercer
- Needle arm support
- Secure needle removal tool

DEVICE DELIVERED WITH

- 1 IP67 Case: 300x225x132 mm
- 1 Sampling kit
- 12 Needles 0.8x15 mm - Stainless steel
- 2 Filters
- 1 000 Gas septums
- 1 Power supply
- Calibration certificate
- User manual