

# ipos 2 O<sub>2</sub> or O<sub>2</sub>&CO<sub>2</sub>



## THE VERSATILE STANDALONE GAS ANALYSER FOR YOUR MODIFIED ATMOSPHERE PACKAGING



### BENEFITS

**Reliable and robust :** Protected against splashes.

**Take quick and precise measurements :**  
O<sub>2</sub> resolution of 0.01% (T<sub>90</sub> < 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 O<sub>2</sub> or O<sub>2</sub>&CO<sub>2</sub> 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 O<sub>2</sub> 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

- O<sub>2</sub> or O<sub>2</sub>&CO<sub>2</sub> gas analysis
- O<sub>2</sub> 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 O<sub>2</sub> and/or CO<sub>2</sub> 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 O<sub>2</sub> OR O<sub>2</sub>&CO<sub>2</sub>

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

#### O<sub>2</sub> GAS ANALYSIS

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

#### CO<sub>2</sub> GAS ANALYSIS

<b>Technology</b>	NDIR
<b>Precision</b>	+/- 2% full scale
<b>T90 response time</b>	7 sec.
<b>Resolution</b>	0.1%
<b>Average service life</b>	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
- 1 USB Key