stratos O2 or O2&CO2

abiss

THE FASTEST GAS ANALYSER ON THE MARKET FOR YOUR MODIFIED ATMOSPHERE PACKAGING

BENEFITS

Small sample volume : Perfect for small volumes with little head space

Fast, precise measurements : Equipped with the fastest O2 & CO2 sensors on the market

Reliable and robust : Your partner for testing your packaging atmospheres

Industry 4.0 : Data connected to ERP systems

Very easy to use : Intuitive touch-based approach. Can be used as soon as you turn it on.

What's the quick and easy way to test the modified atmosphere of your packaging?

The STRATOS is perfect for controlling the quality of your modified atmosphere packaging (MAP) and is available as an O2 or O2 & CO2 analyser. Renowned for its robustness (up to IP65), its speed and precision, this device has a resolution of 0.01% O2 enabling very impressive performance. With its electrochemical sensor (750 ms of T90 response time), the STRATOS is the fastest and most accurate gas analyser on the market.

The measurement device also has a flow-rate monitor to ensure that the filter and needle are not clogged, and that no pollutant gets into the circuit. This very user-friendly device enables you to retrieve your data and track your results with total peace of mind.

FEATURES

- **O2** or **O2&CO2 gas analysis**
- **O2 resolution : 0.01%**
- Small sample volume
- **Detects** clogged circuits
- **Wholly traceable:** use all data analysis possibilities via USB, Ethernet, or directly in your ERP system.
- **Remote connection and 24/7 remote maintenance**

SCOPE OF APPLICATION

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

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MADE IN FRANCE

HOW DOES IT WORK?

1. *Prepare the test* › **2.** *Start the test* › **3.** *End of 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.

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 %

For greater clarity for the operator, the results are shown as colours according to preprogrammed thresholds.

Remove the needle from the packaging.

SPECIFICATIONS

STRATOS O2 OR O2&CO2	
Device	IP54 table analyser in aluminium with 7» colour graphical touchscreen
Weight and dimensions	2.5 kg - L 340 mm x H 75 mm x D 180 mm
Power supply	100-250 VAC -50/60 Hz - 63 W
Ports	1 USB 2.0 and 1 RJ45 Ethernet
Features	Clogged circuit detector Pump suction control Compensates for variations in atmospheric pressure Complete traceability Stores results Remote connection
	O2 GAS ANALYSIS
Technology	Electrochemical
Precision	+/- 1% relative
T90 response time	750 ms
Resolution	+/-0.01%
Average service life	< 2 years in air under NTP
Sample	Small volume, minimum of 8 ml to reach a value of <1%
	CO2 GAS ANALYSIS
Technology	NDIR
Precision	+/- 2% full scale
T90 response time	7 sec.
Resolution	0.1%
Average service life	10 years

OPTIONS

- 3G router + Advanced HMI

ACCESSORIES

- Can piercer
- Needle arm support
- USB - 1D barcode reader
- Detectable stylus for the touchscreen
- Secure needle removal tool

DEVICE DELIVERED WITH

- 1 IP67 Case 430x286x158 mm
- 1 Sampling kit
- 12 Needles 0.8x15 mm - Stainless steel
- 2 Filters
- 1 000 Gas septums
- 1 Stylus for the touchscreen
- 1 Power supply
- Calibration certificate
- User manual
- 1 USB Key

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