

Legend

O₂ or O₂&CO₂

 **abiss**[®]

THE EASY-TO-USE PORTABLE ANALYSER FOR PROTECTED ATMOSPHERE PACKAGING



BENEFITS

Excellent value for money

Easy to use: 2 buttons on the interface, no training required. The measurement is displayed on the screen and is easy to read.

Practical: A light and portable analyser which can be taken from the laboratory to production sites.

Ideal for occasional inspections:
Seasonal, for example

Small sample volume:
Good for small packages.

How can you optimise your testing of packaging atmospheres on a small budget?

Are you just starting out in protected atmosphere packaging? **Legend**, ABISS[®] branded product is the ideal analyser for small-scale production.

This measuring device is sturdy and reliable and entirely manufactured at our production site in the Île-de-France region.

This standalone device is equipped with a rechargeable battery. After five minutes of inactivity, the device automatically switches to standby mode to save power.

FEATURES

- O₂ and/or CO₂ gas analysis
- Sturdy
- Small sample volume
- Rechargeable battery
- T90 response time: < 5 sec

SCOPE OF APPLICATION

Legend 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

Attach a septum onto the packaging where the needle will be inserted. 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 O_2 and/or CO_2 composition 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

LEGEND O_2 OR O_2 & CO_2

Device	Portable IP41 analyser in aluminium with a 2-line 8-character LCD interface
Weight and dimensions	750 g - L 125 mm x H 50 mm x D 180 mm
Battery life	NiMH up to 24h (for Legend O2) Recharge time 4h (80% in two hours)
Power supply	100-250 VAC by external charger - 50/60 Hz

O_2 GAS ANALYSIS

Technology	Electrochemical
Precision	+/- 1% relative
T90 response time	< 5 sec.
Resolution	0.1%
Average service life	< 2 years in air under NTP

CO_2 GAS ANALYSIS

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

ACCESSORIES

- Secure needle removal tool
- Gas bottle

DEVICE DELIVERED WITH

- 1 power supply
- 100 septums for gas analysis (ref. 1477)
- 2 stainless steel needles 0.8 x 15 mm (ref. for renewal 285 per box of 12)
- 1 sampling kit (ref. 625)
- 1 filter (ref. 275)
- 1 transport case
- Calibration certificate
- User's manual

The technical data may be modified without prior notice due to the tensions in the electronic components supply market.