

# Legend

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



## 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** by ABISS 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

- O<sub>2</sub> and/or CO<sub>2</sub> gas analysis
- Sturdy
- Small sample volume
- Rechargeable battery
- T<sub>90</sub> 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).

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## 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<sub>2</sub> and/or CO<sub>2</sub> 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<sub>2</sub> OR O<sub>2</sub>&CO<sub>2</sub>

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 4,500 measurements Recharges in 4 hours (80% in two hours) Autonomy up to 24h (for Legend O <sub>2</sub> )
Power supply	100-250 VAC by external charger - 50/60 Hz

### O<sub>2</sub> 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<sub>2</sub> 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 Case : 390x295x102 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 Thumb drive