

## MICRO-LEAKS AND BREATHABILITY MEASUREMENT FOR PACKAGES WITH THE OXYLOS, ABISS® AUTOMATED ANALYZER

In order to improve the preservation of their products, food companies are increasingly turning to metrological methods to control packaging quality.

In order to answer this growing demand, Anéolia, a French manufacturer, has enriched functionalities of abiss® automated analyzer: the OXYLOS.

Chosen by food industry majors, the OXYLOS is able to simply and precisely measure the O<sub>2</sub> / CO<sub>2</sub> rate, but also: Flow measurement at constant pressure and seal strength on all types of containers and packaging with or without a protective atmosphere.

The OXYLOS doesn't require consumables (no needle handling or septa) and is operated safely.



With the highest accuracy of the market and the lowest measurement constraint, the OXYLOS is able to:

- Realize 3 tests in 1: O<sub>2</sub> / CO<sub>2</sub> gas analysis, micro leak measurement, burst test
- Increase the productivity of gas analyzer and reduce the cost of testing
- Measure leakage as small as 5 µm
- Evaluate the breathability of the packaging
- Measure seal strength until 1,4 bar

**The OXYLOS, a customizable device:** the OXYLOS offers a wide range of accessories to address a multitude of applications. This measuring instrument is:

- Fitted for production constraints (possibilities to customize solutions: software and hardware).
- Offering customized sampling and positioning tools via 3D printing.

As a result, the ABISS brand brings you solutions for packaging with low headspace and thus solves the difficulties caused by the proximity of the film to the content.

Ideal for production, off or online, this analyzer is also designed to work in laboratory and online.

**The OXYLOS, the device in 4.0:** This automated gas and / or leak analyzer is designed to integrate the production line. The Oxylos online is distinguished by the transmission of data on network:

- Simply connects to automates and doesn't require an operator.
- Allows to transfer the data automatically to the ERP or for remote maintenance accesses using a 3G box.

As an analytical instrument, the Oxylos stands as a dependable and unavoidable tool for the metrological characterization of the packaging processes' performance. And that is so, right from the conceiving.