

# GAS ANALYSER OXYBABY® M+

for O<sub>2</sub> or O<sub>2</sub>/CO<sub>2</sub> – standard version



**Cordless hand held oxygen or combined oxygen and carbon dioxide analyser for checking modified atmospheres in food packs. The ideal instrument for portable, faster and accurate sample tests at the packaging machine, in stores or in laboratories.**

OXYBABY® M+ a cost effective mobile alternative to tabletop / fixed analysers.

Ensure that the quality of packaged product is maintained (HACCP), guaranteeing continued customer satisfaction.

The ideal instrument for sample tests with a minimum sample gas requirement, allowing the smallest of modified atmosphere packages (MAP) to be tested.

Integrated data log of the last 100 measurements assigned to specific product names or line numbers.



## Benefits

- minimum sample gas requirement for smallest packs
- cordless operation using rechargeable batteries
- simple one hand operation
- easy to clean
- large illuminated graphic display
- measurement alternatively also by hose
- multilingual menu guide: German, English, French, Italian, Dutch, Swedish, Finnish, Spanish, Polish and Russian
- integrated needle cover to protect the user
- long lifetime of O<sub>2</sub> sensor (approx. 2 years, depending on use)
- low maintenance costs



further information on  
[www.oxybaby.com](http://www.oxybaby.com)

► Video

## Complete in carrying case

- charging device and mains adaptor
- 15 spare needles
- 5 spare filters
- set of 100 rubber seals
- case dimensions (HxWxD): approx. 325x385x115 mm (12.79x15.16x4.53 inch), case weight: approx. 1.7 kg

## Options

- hose with Luer-Lok connection for stationary measurement

**!** Please note our variety of accessories on the following pages

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OXYBABY® M+ O<sub>2</sub>  
OXYBABY® M+ O<sub>2</sub>/CO<sub>2</sub>

•	<b>Gases</b>	O <sub>2</sub> balance gas: N <sub>2</sub> , (Ar or others on request) O <sub>2</sub> and/or CO <sub>2</sub> balance gas: N <sub>2</sub> , (Ar or others on request)
•	• <b>Measuring principle O<sub>2</sub></b>	electrochemical cell
•	• <b>Measuring principle CO<sub>2</sub></b>	IR-absorption
•	• <b>Sensor lifetime O<sub>2</sub></b>	approx. 2 years (in air at 20 °C / 68 °F)
•	• <b>Sensor lifetime CO<sub>2</sub></b>	long lifetime
•	• <b>Measuring range</b>	0–100%
•	•	O <sub>2</sub> in 0.01%-steps
•	•	CO <sub>2</sub> in 0.1%-steps
•	• <b>Sample gas requirement</b>	< 10 ml
•	• <b>Sample time</b>	max. 10 sec.
•	• <b>Calibration</b>	simple two point calibration
•	• <b>Sampling</b>	automatic via needle using integrated pump
•	• <b>Data log</b>	last 100 measurements assignment of measurements to different product names or line numbers
•	• <b>Multilingual</b>	German, English, French, Italian, Dutch, Swedish, Finnish, Spanish, Polish and Russian
•	• <b>Temperature (gas/environment)</b>	0 – 40 °C (32 – 104 °F)
•	• <b>Display</b>	backlit
•	• <b>Shut down</b>	automatic after 2 minutes of non-use
•	• <b>Housing</b>	shock resistant plastic
•	• <b>Weight</b>	approx. 600 g (without accessories)
•	• <b>Dimensions (HxWxD)</b>	187 x 106 x 91 mm (7.4 x 4.2 x 3.6 inches) (without needle)
•	• <b>Power supply</b>	3 integrated rechargeable batteries, type Ni-MH (mains adaptor + charging device included)
•	• <b>Charging device</b>	110 – 240 V AC
•	• <b>Approvals</b>	Company certified according to ISO 9001 and ISO 22000 CE-marked according to: - EMC 2014/30/EU - Low Voltage Directive 2014/35/EU for food-grade gases according to: - Regulation (EC) No 1935/2004 Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

# GAS ANALYSER OXYBABY®

## Accessories

### **OXYBABY® Table stand**

This stable and stable table stand from stainless steel is ideal for use OXYBABY® as table top version.

Connector tube with Luer-Lok-connection is available for connection with OXYBABY®.

The height-adjustable table stand has a magnetic holder for easy handling and one deposit for a needle.

It is suitable for all OXYBABY® models and also usable as support.



### **Bluetooth table printer**

Select Bluetooth equipment for your OXYBABY® 6.0 and print wireless directly on-site your results of measurement via small and handy table printer.

Practical, quick and easily.



**Other models, options and accessories available upon request.**

## ACCESSORIES GAS ANALYSER

### for canisters, bottles, cans and mini packages

#### Can-Piercer

The WITT Can-Piercer is essential for head space analysis of canisters, bottles and cans.

Safe interlocking and easy handling guarantees optimal quality controls also for canisters, bottles and cans with metal or plastic caps.

The Can-Piercer can be adjusted up to 405 mm maximum canisters, bottles - or cans height. The integrated needle protection and robust needles prevents needle breakage.

Material: stainless steel / aluminium

Weight: 3.8 kg (without OXYBABY®)

Dimensions (HxWxD): 607 x 150 x 230 mm (without OXYBABY®)

Suitable for OXYBABY® M+, OXYBABY® 6.0, MAPY and PA.



#### OXYBABY® Aquacheck

OXYBABY® Aquacheck is ideal for mini packages lower than 2 ml sample gas volume.

The gas volume from two or more packages is collected in the water and analysable by the OXYBABY®.

Material: stainless steel

The OXYBABY® Aquacheck is available with and without water container.

Suitable for OXYBABY® M+ and OXYBABY® 6.0.

**Other models, options and accessories available upon request.**

# ACCESSORIES GAS ANALYSER

## for canisters, bottles, cans and mini packages



### Can-Piercer: Application in practice

Order-No.	Needle length in mm	Hight of canisters, bottles, cans	Bottle holder	Overpressure	Conversion possible	Application
590000936	5.5 mm	405 mm	–	x <1 bar(g)	x	beverage cans (without gas /without overpressure), eg. juice
590000935	8.5 mm	405 mm	x	x >1 bar(g)	x	bottles, bevarage cans (with gas / with overpressure), eg. Cola, mineral water
590000954	18.5 mm	405 mm	–	x <1 bar(g)	x	canisters (without gas /without overpressure), eg. oil

#### Attention:

The correct model of the required Can-Piercer type is dependent on

- the kind of liquid to be analysed,
- the available overpressure in the bottles / cans,
- the volume of the available headspace of the bottles / cans,
- the thickness of the caps / can walls

#### Our recommendations:

Case	Application	Example	Recommendation
1	for beverages containing gas	cola, mineral water, lemonades, beer, etc.	590000935
2	for beverages, free of gas	juices, wine, water mixtures, etc.	590000936
3	for sole pressure measurement	from a can or bottle	upon request

#### Retrofit components and spare parts:

Bottle holder	912202200
Can-Piercer holder (needle 18.5 mm) (canister)	966205400
Can-Piercer holder (needle 8.5 mm)	966192000
Can-Piercer holder (needle 5.5 mm)	966192200
Can-Piercer holder (pressure measurement)	upon request
Needle connection with filter and RV	956721700
Hose	800707500
Luer-Lock connection female	800420800