

GAS ANALYZER OXYBABY® M+ for O₂ or O₂/CO₂ – standard version



Cordless handheld oxygen or combined oxygen/carbon dioxide analyzer for checking modified atmospheres in food packaging (MAP). The ideal instrument for portable, fast and accurate sample tests at the packaging machine, in stores or in laboratories.

OXYBABY® M+: a cost-effective, mobile alternative to tabletop/fixed analyzers.

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

OXYBABY® M+ is the ideal instrument for sample tests, requiring only a minimal amount of sample gas, allowing even the smallest of MAP packages to be tested.

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

Benefits

- minimal sample gas requirement for testing even the smallest packages
- cordless operation using rechargeable batteries
- simple one-hand operation
- sample flow control with warning in case of blocked needle
- easy to clean
- large illuminated graphic display
- measurement alternatively also by hose
- multilingual menu guide: see overleaf
- integrated needle cover to protect needle and user
- long lifetime of O₂ sensor (approx. 2 years, depending on use)
- low maintenance costs

Complete in carrying case

- charging device and adaptor set
- 15 spare needles
- 5 spare filters
- set of 100 rubber seals
- case dimensions (HxWxD): approx. 12.79 x 15.16 x 4.53 inches
case weight: approx. 3.75 lb



further information on
www.oxybaby.com

► Video

OXYBABY® M+ O₂ - Part No. 590000313

OXYBABY® M+ O₂/CO₂ - Part No. 590000305

Options

- hose with Luer-Lok connection for stationary measurement
- can/bottle piercer
- table rack/stand

! Please note our variety of accessories on the following pages

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OXYBABY® M+ O₂
OXYBABY® M+ O₂/CO₂

•	Gases	O ₂ balance gas: N ₂ , (Ar or others upon request) O ₂ and/or CO ₂ balance gas: N ₂ , (Ar or others upon request)
• •	Measuring principle O₂	electrochemical cell
• •	Measuring principle CO₂	IR-absorption
• •	Sensor lifetime O₂	approx. 2 years (in air at 68°F)
• •	Sensor lifetime CO₂	long lifetime
• •	Measuring range	0-100%
• •		O ₂ in 0.01%-steps CO ₂ in 0.1%-steps
• •	Sample gas requirement	< 10 ml
• •	Sample time	max. 10 sec.
• •	Calibration	simple two-point calibration
• •	Sampling	automatic via needle using integrated pump
• •	Data log	last 100 measurements assignment of measurements to different product names or line numbers
• •	Multilingual	German, English, French, Italian, Dutch, Swedish, Finnish, Spanish, Polish and Russian
• •	Temperature (gas/environment)	32 – 104°F
• •	Display	backlit
• •	Shut down	automatic after 2 minutes of non-use
• •	Housing	shock-resistant plastic
• •	Weight	approx. 1.32 lb (without accessories)
• •	Dimensions (HxWxD)	7.4 x 4.2 x 3.6 inches (without needle)
• •	Power supply	3 integrated rechargeable batteries, type Ni-MH (charging device included)
• •	Charging device	110 – 240 V AC
• •	Approvals	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 ANALYZER OXYBABY®

Accessories



OXYBABY® Table rack/stand

This stabile and stable table rack/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-rack 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 ANALYZER for canisters, bottles and cans



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 15.94 inches maximum canisters, bottles - or cans height. The integrated needle protection and robust needles prevents needle breakage.

Material: steel / aluminium

Weight: 8.4 lb (without OXYBABY®)

Dimensions (HxWxD): 23.9 x 5.9 x 9.1 inches (without OXYBABY®)

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



Other models, options and accessories available upon request.

ACCESSORIES GAS ANALYZER

for canisters, bottles and cans



Can Piercer: Application in practice

Part No.	Needle length in inches	Hight of canisters, bottles, cans in inches	Bottle holder	Overpressure	Conversion possible	Application
590000936	0.22	15.94	–	x <14.5 psi(g)	x	beverage cans (without gas /without overpressure), eg. juice
590000935	0.33	15.94	x	x >14.5 psi(g)	x	bottles, bevarage cans (with gas / with overpressure), eg. Cola, mineral water
590000954	0.73	15.94	–	x <14.5 psi(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 0.73 inches) (canister)	966205400
Can-Piercer holder (needle 0.33 inches)	966192000
Can-Piercer holder (needle 0.22 inches)	966192200
Can-Piercer holder (pressure measurement)	upon request
Needle connection with filter and RV	956721700
Hose	800707500
Luer-Lock connection female	800420800