

GAS ANALYSER OXYBABY® 6.0

for O₂ or O₂/CO₂ – premium 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® a cost effective mobile alternative to tabletop / fixed analysers for welding and food technology.

It offers all benefits of modern technology quickly and easily by option. For example: Bluetooth for wireless communication.

Ensure that the quality of packaged product is maintained (HACCP), guaranteed 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.

Information of internal pressure in the package via pressure indication.

Together with the exclusive OBCC-Software the measured results can be documented providing complete traceability (HACCP). Provide your customer with the results ensuring that your product has the best possible pack quality.



Benefits

- minimum sample gas requirement for smallest packs
- integrated data log of the last 500 measurements
- product administration up to 25 users, 100 product names and 50 packaging lines
- increased memory capacity and simplified data export of measurement results by microSD card
- alternatively a pressure indication can be selected
- cordless operation using rechargeable batteries
- data transfer and charge of batteries via USB port
- sample flow control with warning in case of blocked needle
- upgraded simple one hand operation
- measurement alternatively also by hose
- easy to clean
- large illuminated graphic display
- multilingual menu guide
- integrated needle cover to protect the needle and user
- long lifetime of O₂ sensor (approx. 2 years, depending on use)
- low maintenance costs

Complete in carrying case

- charging device, microSD card
- OBCC software (demo version) for downloading
- 15 spare needles
- 5 spare filters
- set of 100 rubber seals
- case dimensions (HxWxD): approx. 325x385x115 mm (12.79x15.16x4.53 inches), case weight: approx. 1.7 kg

Options

- hose with Luer-Lok connection for stationary measurement
- data cable
- Bluetooth (e.g. for separate printer)

Please note our variety of accessories on the following pages



further information on
www.oxybaby.com

► Video

Skills of OXYBABY® 6.0

(compared to OXYBABY® M+) :

- ✓ minimal sample gas requirement (from 2ml up)
- ✓ complex administration
- ✓ five times larger data log
- ✓ data export and analysis software
- ✓ smart handling with key panel and display ,pro'
- ✓ Bluetooth by option

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OXYBABY® 6.0 O₂
OXYBABY® 6.0 O₂/CO₂

•	Gases	O ₂ balance gas: N ₂ , (Ar or others on request) O ₂ and/or CO ₂ balance gas: N ₂ , (Ar or others on request)
•	Measuring principle O₂	electrochemical cell
•	Measuring principle CO₂	IR-absorption
•	Sensor lifetime O₂	approx. 2 years (in air at 20 °C / 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	O ₂ < 2 ml O ₂ /CO ₂ < 6 ml
•	Sample time	max. 6 sec. max. 10 sec.
•	Calibration	simple two point calibration
•	Sampling	automatic via needle using integrated pump
•	Data log	last 500 measurements interface for transfer of logged data assignment of measurements to different product names
•	Communication	USB port, microSD card
•	Software	OBCC
•	Multilingual	German, English, French, Italian, Dutch, Swedish, Finnish, Spanish, Polish, Russian, Turkish and Hungarian (more to follow)
•	Temperature (gas/environment)	0 – 40 °C (32 – 104 °F)
•	Display	backlit
•	Shut down	automatic after 2 minutes of non-use
•	Housing	shock resistant plastic
•	Weight	approx. 580 g (without accessories)
•	Dimensions (HxWxD)	187 x 106 x 91 mm (7.4 x 4.2 x 3.6 inch) (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

Windows-Software for OXYBABY® 6.0, OXYBABY® P 6.0, OXYBABY® Med and PA 7.0.

OBCC is the ideal complement for your WITT-Gasanalyser - with modern surface, clearly structured and conveniently operable.

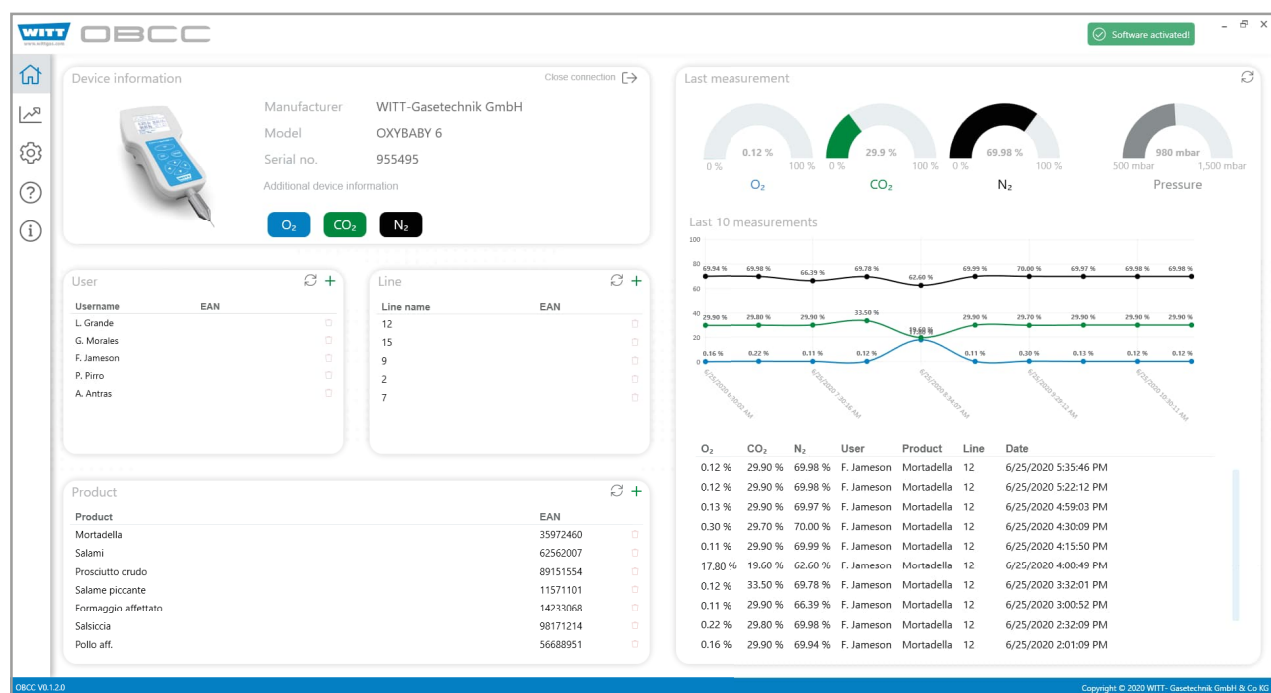
The application offers rapid graphical analysis of measured values. Simplify a system comprehensive data management and offers an uncomplicated export function for the complete digital storage.



Benefits

- modern, clearly structured user interface
- intuitive operation
- simple set up and administration of master data (products, user, packaging lines)
- quality control by means of data recording and storing with date and time
- the graphical presentation of measured values offers a fast overview
- knowledge by data analysis tool with filter options
- completely digital documentation by simple CSV export function
- 1 click generate PDF report for assurance of proof (in addition to the CSV export)
- time-saving by convenient data management and easy transfer of master data to new devices
- available menu languages: English, German, French, Italian, Spanish, Portuguese, Polish, Russian, Finnish, Swedish, Turkish, Romanian, Hungarian

30-day trial version with full function for download on www.wittgas.com



System requirements

Operating system

WINDOWS® 7 or above

Hardware

1 free USB interface, graphic resolution min. 1024 x 768 Pixel

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