

GAS ANALYSER OXYPAD

for O₂ or O₂/CO₂



large 7" touch-screen with graphical user interface for intuitive operation



ergonomic design for mobile use



needle casing keeps the needle clean and safe

High-quality gas analyser for quality control of Modified Atmosphere Packaging.

The OXYPAD is a mobile desktop unit with an innovative design: a full-fledged desktop analyser with 7" touch-screen, and it's truly mobile thanks to its low weight, ergonomic form and battery operation.

A true 2-in-1 solution for fast and accurate sampling via needle in laboratory or direct at the packaging machine. OXYPAD is simple to operate, suitable for practically all MAP packaging and costs little to operate. Available for O₂ or O₂/CO₂.

Benefits

- fast, precise and reliable measurement results
- minimum sample gas requirement, also ideal for small packs
- large 7" touch-screen with graphical user interface for intuitive operation
- ergonomic, compact and lightweight design as well as battery operation ideal for mobile use
- needle casing keeps the needle clean and safe
- ergonomic needle pen for easy and safe handling
- sample flow control with warning in case of blocked needle
- low operating costs owing to long lifetime of O₂ sensor (approx. 2 years, depending on use)
- easily accessible service flap for simple servicing and low maintenance costs
- integrated data log of the last 5 000 measurements
- extensive product administration up to 5 000 products and assignment of measurements to product name, user and packaging line
- data transfer and battery-charging via USB port
- easy to clean
- displays pressure
- multilingual menu guide

Other models, options and accessories available upon request.

Please identify the individual gases at the time of enquiring!

Measuring systems

Gases	Measuring system	Measuring range	Repeatability	Response time	Service life
O ₂	chemical measuring cell	0-100%	± 0.2%	6 sec.	approx. 2 years in air
CO ₂	infrared measuring cell	0-30% 0-100% please indicate	± 0.5%	6 sec.	long lifetime

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OXYPAD O₂
OXYPAD 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 < 6 ml O ₂ /CO ₂ < 6 ml
•	• Sample time	min. 6 seconds min. 6 seconds
•	• Calibration	simple two point calibration
•	• Sampling	automatic via needle, using integrated pump
•	• Data log	last 5 000 measurements interface for transfer of logged data assignment of measurements to different product names
•	• Communication	USB-Port
•	• Software	OBCC (option)
•	• Multilingual	German, English, French, Italian, Spanish and Polish (more to follow)
•	• Temperature (gas/environment)	0 – 40 °C (32 – 104 °F)
•	• TFT-Display	7"
•	• Shut down	automatic after 2 minutes of non-use
•	• Housing	shock-resistant plastic
•	• Weight	approx. 600 g (without accessories)
•	• Dimensions (HxWxD)	180 x 189 x 80 mm
•	• Power supply	Li-Ion Battery pack (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