

► **GAS ANALYSER**

**OXYPAD**



Made in Germany

Product of



## GAS ANALYSER

OXYPAD

for O<sub>2</sub> or O<sub>2</sub>/CO<sub>2</sub>

**VIVANGAS**

Control and Safety  
Solution - Engineering- Equipment



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 O<sub>2</sub> or O<sub>2</sub>/CO<sub>2</sub>.

#### Benefits

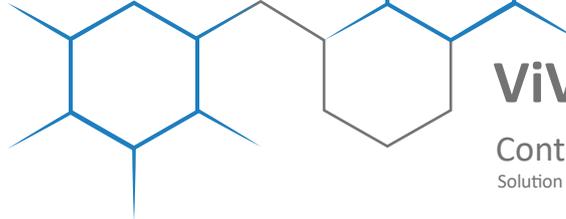
- fast, precise and reliable measurement results
- minimum sample gas requirement, also ideal for small packs
- large 7" touch-screen with graphical user interface for intuitive operation
- ergonomic, compact and lightweight design as well as battery operation ideal for mobile use
- needle casing keeps 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
- 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 <sub>2</sub>	chemical measuring cell	0-100%	± 0.2%	6 sec.	approx. 2 years in air
CO <sub>2</sub>	infrared measuring cell	0-30% 0-100% please indicate	± 0.5%	6 sec.	long lifetime



OXYPAD O<sub>2</sub>  
OXYPAD 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>	O <sub>2</sub> < 6 ml O <sub>2</sub> /CO <sub>2</sub> < 6 ml
• •	<b>Sample time</b>	min. 6 seconds min. 6 seconds
• •	<b>Calibration</b>	simple two point calibration
• •	<b>Sampling</b>	automatic via needle, using integrated pump
• •	<b>Data log</b>	last 5 000 measurements interface for transfer of logged data assignment of measurements to different product names
• •	<b>Communication</b>	USB-Port
• •	<b>Multilingual</b>	German, English, French, Italian, Spanish and Polish (more to follow)
• •	<b>Temperature (gas/environment)</b>	0 – 40 °C (32 – 104 °F)
• •	<b>TFT-Display</b>	7"
• •	<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>	180 x 189 x 80 mm
• •	<b>Power supply</b>	Li-Ion Battery pack (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

## Middle East

Regus Nassima Tower, 4th & 5th Floor Sheikh Zayed  
Road, Trade Centre District Dubai, UAE 124303

Phone: +971 4311 6197



## Gas Control Equipment

- Gas Mixing Systems
- Gas Metering Systems
- Gas Analysers
- Gas Pressure Vessels
- Engineering Of Customised Systems

## Asia Pacific

Level 16, The Pavilion Tower, Jalan Raja Chulan,  
50200, Kuala Lumpur, Malaysia

Phone: +603 2182 9754-5

Fax: +603-2182 9797



## Gas Safety Equipment

- Flashback Arrestors
- Non-return Valves
- Quick Couplings
- Safety Valves
- Stainless Steel Devices
- Gas Filters
- Pressure Regulators
- Lance Holders
- Ball Valves
- Automatic Hose Reels
- Test Equipment
- Accessories
- Customised Safety Devices

## Europe

Florianstr. 15-21, 44139 Dortmund, Germany

Tel: +49 2302 663 4646

Int'l: +1(213) 457 - 3147



## M.A.P Equipment

- Gas Mixing Systems
- Gas Analyzers
- Leak Detection Systems
- Modified Atmosphere Packaging Solution

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[www.vivangas.com](http://www.vivangas.com)