

# GAS ANALYSER OXYPAD

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



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 of O<sub>2</sub> 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 <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%<br>0-100%<br>please indicate | ± 0.5%        | 6 sec.        | long lifetime          |

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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)<br>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<br>CO <sub>2</sub> in 0.1%-steps   |
| • | • | <b>Sample gas requirement</b>             | O <sub>2</sub> < 6 ml<br>O <sub>2</sub> /CO <sub>2</sub> < 6 ml  |
| • | • | <b>Sample time</b>                        | min. 6 seconds<br>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<br>interface for transfer of logged data<br>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<br>(charging device included)  |
| • | • | <b>Charging device</b>                    | 110 – 240 V AC   |
| • | • | <b>Approvals</b>                          | Company certified according to ISO 9001 and ISO 22000<br>CE-marked according to:<br>- EMC 2014/30/EU<br>- Low Voltage Directive 2014/35/EU<br>for food-grade gases according to:<br>- Regulation (EC) No 1935/2004 |