OXYBABY® MED

Gas Analyser for O₂ or O₂/CO₂ & line pressure

OXYBABY™ Med from WITT is the ideal instrument for portable, faster and accurate tests of gases before application in hospitals for the protection of patients.

Once the OXYBABY® Med is connected at an outlet point the measuring starts and the result is immediately shown in the illuminated display.

Not only is the type of gas checked but also the concentration and pressure of the gas being administered.

The design and fabrication of the OXYBABY® Med is hygienically optimised, ensuring easy operation and focus on the job at hand.

It also features an impressive integrated data log of the last 500 measurements for thorough documentation and export.

For various connections an optional set of adapters is also available. Complete in carrying case with charging device, CD-ROM including operating instructions and OBCCX Software (demo).

Contact our friendly staff at GasTech for more information.

KEY FEATURES

- Simple one-button operation
- Cordless operation using rechargeable batteries
- Data transfer and charging via USB port
- Sample flow control with warning
- Administration of up to 25 users, 100 applications and 50 allocations
- Integrated data log of the last 500 measurements
- Easy to clean and low maintenance costs
- Large illuminated graphic display
- Long O₂ sensor lifetime (2yrs)
**SPECIFICATIONS**
Specifications subject to change without notice

<table>
<thead>
<tr>
<th>Specification</th>
<th>OXYBABY Med O₂</th>
<th>OXYBABY® Med O₂/CO₂</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong></td>
<td>18.8 x 10.6 x 9.1 cm / 7.4 x 4.2 x 3.6 in.</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>454g / 20.5 OZ.</td>
<td></td>
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<tr>
<td><strong>Temperature</strong></td>
<td>5 to +40°C / 41 to +104°F</td>
<td></td>
</tr>
<tr>
<td><strong>Housing</strong></td>
<td>Shock-resistant plastic, IP54</td>
<td></td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td>3 integrated rechargeable batteries</td>
<td></td>
</tr>
<tr>
<td><strong>Charging device</strong></td>
<td>110-240 VAC</td>
<td></td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Backlit - automatic shutdown after 2 min of non-use</td>
<td></td>
</tr>
</tbody>
</table>
| **Datalog**            | • Last 500 measurements  
                         • Interface for transfer of logged data  
                         • Assignment of measurements to different names |           |
| **Communication**      | USB port |                    |
| **Software**           | OBCCX |                     |

**Pressure** 0-10 bar abs

**Measuring Range** 0-100%, 1% 0.1% increments

**Sample gas requirement** Dependent on inlet pressure and hose - volume and time continuous measurement recommended

**Response time** 1 second

**Accuracy** ±1% full scale

**Calibration** Simple two point calibration

**Approvals** Company certified according to ISO 9001 and ISO 22000
- CE marked according to:
  - EMC 2004/108/EC
  - Low Voltage Directive 2006/95/EC
For food grade gases according to:

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**Sensor Specifications**

<table>
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<tr>
<th>Type</th>
<th>OXYBABY Med O₂</th>
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<tr>
<td><strong>Gases</strong></td>
<td>O₂</td>
<td>O₂ and CO₂</td>
</tr>
<tr>
<td><strong>Measuring principle</strong></td>
<td>Electrochemical cell</td>
<td>Electrochemical IR cell</td>
</tr>
<tr>
<td><strong>Sensor lifetime</strong></td>
<td>Approx. 2 years (in air at 20°C)</td>
<td>Approx. 2 years (in air at 20°C)</td>
</tr>
</tbody>
</table>

* Balance gas of N₂ (or others available upon request)