ACCESSORIES OXYBABY®
for bottles, cans and mini packaging

OXYBABY® Can Piercer

The OXYBABY® Can Piercer is essential for head space analysis of bottles and cans.

Safe interlocking and easy handling guarantees optimal quality controls also for bottles and cans with metal or plastic caps.

The Can Piercer can be adjusted up to 15 inches maximum bottles - or cans height. The integrated needle protection and robust needles prevents needle breakage.

Material: steel
Weight: 16.6 lb (without OXYBABY®)
Dimensions (HxWxD): 23 x 6.1 x 9.3 inches (packed, without OXYBABY®)

Suitable for OXYBABY® M+ and OXYBABY® 6.0.

OXYBABY® Aquacheck

OXYBABY® Aquacheck is ideal for mini packages lower 2 ml sample gas volume.

The gas volume from two or more packages is collected in the water and analyzable 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 OXYBABY®**

for bottles, cans and mini packaging

**Can Piercer: Application in practice**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Needle length in inches</th>
<th>Height of bottles, cans in inches</th>
<th>Bottle holder</th>
<th>Overpressure</th>
<th>Pressure regulator w. ball valve and gauge 0.1 - 0.7 bar</th>
<th>Calibration module + flow regulator</th>
<th>Conversion possible</th>
<th>Application</th>
<th>Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>590000156</td>
<td>0.22</td>
<td>106.3</td>
<td></td>
<td></td>
<td>x &lt;14.5 psi(g)</td>
<td></td>
<td></td>
<td>beverage cans (without gas / without overpressure), eg. juice</td>
<td>OXYBABY®</td>
</tr>
<tr>
<td>590000165</td>
<td>0.33</td>
<td>106.3</td>
<td>x</td>
<td>x &gt;14.5 psi(g)</td>
<td>x bottles, beverage cans (with gas / with overpressure), eg. Cola, mineral water</td>
<td></td>
<td></td>
<td>x bottles, beverage cans (with gas / with overpressure), eg. Cola, mineral water</td>
<td>OXYBABY®</td>
</tr>
<tr>
<td>590000166</td>
<td>0.33</td>
<td>153.6</td>
<td>x</td>
<td>x &gt;14.5 psi(g)</td>
<td>x bottles, beverage cans (with gas / with overpressure), eg. Cola, mineral water</td>
<td></td>
<td></td>
<td>x bottles, beverage cans (with gas / with overpressure), eg. Cola, mineral water</td>
<td>OXYBABY®</td>
</tr>
<tr>
<td>590000325</td>
<td>0.73</td>
<td>153.6</td>
<td>x</td>
<td>x &gt;14.5 psi(g)</td>
<td>x bottles, beverage cans (with gas / with overpressure), eg. Cola, mineral water</td>
<td></td>
<td></td>
<td>x bottles, beverage cans (with gas / with overpressure), eg. Cola, mineral water</td>
<td>OXYBABY®</td>
</tr>
<tr>
<td>590000239</td>
<td>0.22</td>
<td>106.3</td>
<td>x &gt;14.5 psi(g)</td>
<td>x</td>
<td>x bottles, beverage cans (with gas / with very high overpressure, sparkling)</td>
<td>OXYBABY® without pump</td>
<td></td>
<td>x bottles, beverage cans (with gas / with very high overpressure, sparkling)</td>
<td>OXYBABY®</td>
</tr>
<tr>
<td>590000341</td>
<td>0.22</td>
<td>153.6</td>
<td>x</td>
<td>0 - 58 psi</td>
<td>x bottles, beverage cans</td>
<td>no OXYBABY® connection, only pressure measurement</td>
<td></td>
<td>x bottles, beverage cans</td>
<td>OXYBABY®</td>
</tr>
</tbody>
</table>

*to prevent the OXYBABY® from damage by too high overpressure, too high flow rate, the calibration module has to be connected between calibration gas / zero gas and OXYBABY®.

To obtain clear results we adjust a pressure of 7.25 psi and a flow rate of approx. 100 ml/min.

**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:**

<table>
<thead>
<tr>
<th>Case</th>
<th>Application</th>
<th>Example</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>for beverages containing gas</td>
<td>cola, mineral water, lemonades, beer, etc.</td>
<td>590000165, 590000166 or 590000325</td>
</tr>
<tr>
<td>2</td>
<td>for beverages, free of gas</td>
<td>juices, wine, water mixtures, etc.</td>
<td>590000156</td>
</tr>
<tr>
<td>3</td>
<td>EXTREME CASE: for beverages containing gas</td>
<td>with very high overpressure, small volume in the head space of the cans / bottles and / or very strongly sparkling</td>
<td>590000239</td>
</tr>
<tr>
<td>4</td>
<td>for sole pressure measurement</td>
<td>from a can or bottle</td>
<td>590000341</td>
</tr>
</tbody>
</table>

**Retrofit components and spare parts:**

- Bottle holder 956721800
- Tubular extension for CAN-Piercer 802126800
- Can-Piercer holder (needle 0.73 inches) 956864800
- Can-Piercer holder (needle 0.33 inches) 956722000
- Can-Piercer holder (needle 0.22 inches) 956674900
- Can-Piercer holder (pressure measurement) 956883600
- Needle connection with filter and RV 956721700
- Hose 800707500
- Luer-Lock connection female 800420800