

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 analysable 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.

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Can Piercer: Application in practice

Part No.	Needle length in inches	Hight of bottles, cans in inches	Bottle holder	Overpressure	Pressure regulator w. ball valve and gauge 0.1 - 0.7 bar	Calibration module + flow regulator *	Gauge 0 - 6 bar	Conversion possible	Application	Device
590000156	0.22	106.3	x	<14.5 psi(g)				x	beverage cans (without gas / without overpressure), eg. juice	OXYBABY®
590000165	0.33	106.3	x	>14.5 psi(g)				x	bottles, bevarage cans (with gas / with overpressure), eg. Cola, mineral water	OXYBABY®
590000166	0.33	153.6	x	>14.5 psi(g)				x	bottles, beverage cans (with gas / with overpressure), eg. Cola, mineral water	OXYBABY®
590000325	0.73	153.6	x	>14.5 psi(g)				x	bottles, beverage cans (with gas / with overpressure), eg. Cola, mineral water	OXYBABY®
590000239	0.22	106.3	x	>14.5 psi(g)	x	x		x	bottles, beverage cans (with gas / with very high overpressure, sparkling)	OXYBABY® without pump
590000341	0.22	153.6	x	0 - 58 psi			x	x	bottles, beverage cans	no OXYBABY® connection, only pressure measurement

*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:

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

Retrofit components and spare parts:

Bottle holder	956721800
Tubular extension for CAN-Piercer	802128600
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