

HANDHELD CO₂/O₂ SENSOR

MEASURING IS KNOWING

The OXYBABY is an ergonomically shaped cordless oxygen and/or carbon dioxide analyzer suitable for single hand operation. The measurement range is 0 vol. -% to 100 vol. -% O₂ and/or CO₂ in mixtures of non-flammable gases. It is intended to be used for analyzing the carbon dioxide concentration and/or residual oxygen contents in food packages and similar applications.

The OXYBABY comes with a sturdy vQm case, unique heavy-duty spare needles, spare filters and USB charging cable. The OXYBABY is equipped with an automatic needle cover.



OXYBABY M+

Technical Description

Dimensions (HxWxD)	: 187 x 106 x 91 mm
Weight	: ca. 600 g
Sample gases	: CO ₂ and /or O ₂ ; and mixtures of these in not combustible gases, not toxic and not corrosive gases
Charged battery	: 3 integrated rechargeable batteries capacity: min. 9.72 Wh
German / European standards	: DIN EN 61000-6-3 2007-09, DIN EN 61000-6-2 2006-03 DIN EN 60439-1/2005-01

O₂-Analysis

Sensor	: electrochemical cell
Accuracy	: 0,1 % absolute at O ₂ concentrations ≤ 10 vol.-% 1 % relative at O ₂ concentrations 10-100 vol.-% at 20 °C, respectively at calibration conditions (measured)
Response time (t ₉₀)	: ≤ 5 s
Service life	: ~ 2 years (in air at 20 °C), replaceable sensor

CO₂-Analysis (Optional)

Sensor	: Infrared adsorption technology
Measurement range	: 0...100 vol%
Accuracy	: ±2% FS at 20 °C (±2% CO ₂)

THAT'S

ACCURACY...