

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 is equipped with an internal memory for 100 measurement data. Data will be kept in the memory even when the analyzer is switched off.

To protect the operator 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
CALLED
PRECISION...**