

# O<sub>2</sub> Gehaltemeter



## O<sub>2</sub> Gehaltemeter

### General product information

In the beer, wine and beverage industries, the content of dissolved oxygen (O<sub>2</sub>) is extremely important to both product quality and taste. Excess O<sub>2</sub> can compromise the flavor stability and lead to significantly reduced product shelf life.

The portable O<sub>2</sub> Gehaltemeter, type o-DGM combines high accuracy with excellent measurement stability. This new optical O<sub>2</sub> measurement technology provides better response times than traditional O<sub>2</sub> measuring instruments and frequent calibration of the O<sub>2</sub> measurement is not required. Equipped with an advanced operator and location identification system, it allows for the traceability of measuring data.

### Principle of operation

After operator/location identification, sampling takes place. Two measurement modes are available, single sample and continuous O<sub>2</sub> measurement. The data can be securely transferred to a PC using the interface cable.



o-DGM

# O<sub>2</sub> Gehaltemeter



## Benefits

- Accurate product control
  - reproducible and operator independent results
- Cost saving
  - less labor intensive
  - reduction of product loss
  - low maintenance

## Application

- At-line, sampled directly during the production process (from process lines, vessels, tanks or kegs)
- Laboratory, after the production, sampled from all sorts of bottles or cans

## Technical Data

O <sub>2</sub> sensor	LHO	WLO
Measuring range	0.0 - 2,000 ppb	0.0 - 45.0 mg/l
Accuracy	± 1 ppb + 2% of m.v.*	< 5% of m.v.*
Measuring units	ppb, µg/l, ppm, mg/l, % a.s.	
Temperature	23.0 - 104.0 °F, acc. ± 0.2 °F	
Memory capacity	up to 400 measurements	
Interface	RS-232	
Dimensions	8.3 x 5.1 x 7.8 (LxWxH in)	
Weight	ca. 5.3 lb	

\* at 68 °F

## Scope of Supply

- O<sub>2</sub> Gehaltemeter, type o-DGM
- Service set with power supply (U.S. or Euro plug)
- Software set (CD + Interface)
- Set of two sample hoses
- Operator ID - key (2 pieces)
- Location ID - key (2 pieces)
- Instruction manual

## Options

- Certificate of Measurement
- Quick charger



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