

Digital CO₂ Gehaltemeter



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General product information

In the beer and beverage industry, the content of dissolved carbon dioxide (CO₂) is decisive to the quality and taste of beer and carbonated beverages. Therefore, breweries as well as soft drink manufacturers continuously control and measure the CO₂ quantity during the production steps of their beverages.

The portable Digital CO₂ Gehaltemeter, type DGM, enables a fast and accurate determination of the CO₂ content in beer and carbonated beverages based on Henry's Law.

Most importantly, the measuring results are reproducible and operator independent. The instrument is easily re-calibrated without the need of a reference glass.

After the sampling, an equilibrium is automatically created, followed by pressure and temperature measurement. Subsequently, the dissolved CO₂ content is electronically calculated and displayed.



DGM

Digital CO₂ Gehaltemeter



Benefits

- Perfect product control
 - reproducible and operator independent results
 - digital reading of CO₂ results

Applications

- At-line, directly sampled during the production process (from process-lines, vessels, tanks or kegs)

Technical Data

Measuring Range

CO ₂ Value:	0.0 - 19.99 g/l
Temperature:	-10.0 - 60.0 °C
Pressure:	0.0 - 5.0 barg
Line Pressure:	Max. 5.0 barg

Accuracy

CO ₂ value:	± 0.10 g/l
Temperature:	± 0.2 °C
Pressure:	± 0.03 bar

Measuring units*

CO ₂ value:	g/l	Vol.	Vol.	kg/cm ²
Temperature:	°C	°C	°F	°C
Pressure:	barg	barg	psi	kg/cm ²

Measurements between two charging operations:	approx. 80 measurements
Dimensions:	190 x 75 x 274 (LxWxH in mm)
Weight:	ca. 2.9 kg

* When ordering, please state which measuring units you require.

Scope of Supply

- Digital CO₂ Gehaltemeter, type DGM
- Service set with charger (Euro or US plug)
- Carrying handle
- Set of hoses
- Instruction Manual

Options

- Certificate of Measurement



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Please visit our website to obtain information about your local support.

Haffmans BV reserves the right to make changes in the technical specifications at any time.

DGM

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leading in purification

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