

In-line CO₂ Gehaltemeter



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General product information

In the beer and beverage industries, the content of dissolved carbon dioxide (CO₂) is a determining factor in the quality and taste of beer and carbonated beverages. Because of this, breweries as well as soft drink manufacturers continuously control and measure the CO₂ quantity during production.

The In-line CO₂ Gehaltemeter, type AGM, enables a fast and accurate determination of the CO₂ content in beer and carbonated beverages based on Henry's Law.

The AGM can be built into the production line at any location where the determination of the dissolved CO₂ content is required. The instrument is hygienically designed and is easily mounted in an in-line housing with varivent connections.

AGM

In-line CO₂ Gehaltemeter



Benefits

- Accurate process control
 - measurement data storage
- Cost saving
 - no product loss
 - low maintenance

Application

- Quality Control
 - after filtration, carbonation and/or blending
 - before filling

Technical Data

Measurement	: CO ₂ content
Measuring range	: 2.0 - 10.0 g/l
Accuracy	: ± 0.05 g/l
Measuring units	: g/l, % b.w., Vol, kPa
Temperature	: -5.0 - 40.0 °C, acc. ± 0.1 °C
Pressure	: 0.0 - 10.0 bar, acc. ± 0.01 bar
Memory capacity	: up to 500 measurements
Power supply	: 85-264 VAC wide range (optional 24 VDC)
Measuring interval	: approx. 30 sec.
Dimensions	: 320 x 160 x 320 (LxWxH mm)
Weight	: ca. 10 kg

Scope of Supply

- Mains cable
- Set of I/O cables
- Software set
- Service set
- Instruction manual

Options

- In-line housing with varivent connection
- Varivent assembly bracket
- Extended I/O interface (feedback signals)
- Profibus DP
- CO₂ calibration set
- Certificate of measurement



Haffmans BV

P.O. Box 3150 NL-5902 RD Venlo • The Netherlands

T +31 77 323 23 00 • F +31 77 323 23 23

E info@haffmans.nl • I www.haffmans.nl

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.

AGM

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leading in purification

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