

HAFFMANS GMT

ANALOG CO₂ GEHALTEMETER

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. Therefore, breweries as well as soft drink manufacturers continuously control and measure the CO₂ quantity during production.

The Analog CO₂ Gehaltemeter, type GMT, 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 not dependent on the operator.

Once the sample is taken equilibrium is automatically created and the operator reads the pressure from the manometer and the temperature from the thermometer. The CO₂ content is then determined by using a Pentair Haffmans' slide rule.



CUSTOMER BENEFITS

- **Accurate product control**
 - reproducible and operator independent results

APPLICATIONS

- **At-line, direct sampling during the production process**
(from process lines, vessels, tanks or kegs)

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TECHNICAL DATA

Measuring executions

Thermometer	-2.0 - 40.0 °C
	-2.0 - 20.0 °C*
	30.0 - 70.0 °F
Manometer	0.0 - 1.6 barg
	0.0 - 2.5 barg*
	0.0 - 4.0 barg
	0.0 - 6.0 barg
Slide rule	barg, °C, % w/w*
	barg, °C, Vol

Accuracy

Temperature	± 0.5 °C
Pressure Class	1.0 (± 1% of measuring range)

Dimensions

190 x 75 x 275 (LxWxH mm)

Weight

ca. 2.4 kg

* Standard execution. When ordering, please state which thermometer, manometer and slide rule you require.

SCOPE OF SUPPLY

- Analog CO₂ Gehaltemeter, type GMT
- Service set
- Battery
- Carrying handle
- Set of two hoses
- Instruction manual

OPTIONS

- Certificate of measurement
- Charger with two rechargeable batteries



HAFFMANS B.V.

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