

# HAFFMANS GMT ANALOG CO<sub>2</sub> GEHALTEMETER

PRODUCT LEAFLET

## GENERAL PRODUCT INFORMATION

In the beer and beverage industries, the content of dissolved carbon dioxide (CO<sub>2</sub>) 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 CO<sub>2</sub> quantity during production.

The Analog CO<sub>2</sub> Gehaltemeter, type GMT, enables a fast and accurate determination of the CO<sub>2</sub> 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 CO<sub>2</sub> content is then determined by using a Pentair Haffmans' slide rule.

## 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 CO<sub>2</sub> Gehaltemeter, type GMT
- Service set
- Battery
- Carrying handle
- Set of two hoses
- Instruction manual

## OPTIONS

- Certificate of measurement
- Charger with two rechargeable batteries



HAFFMANS BV

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