

# HAFFMANS ICD INPACK 2000 CO<sub>2</sub> METER

## 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. Because of this, breweries as well as soft drink manufacturers continuously control and measure the CO<sub>2</sub> quantity of bottled and canned beverages.

The user-friendly Inpack 2000 CO<sub>2</sub> Meter, type ICD, allows for a reliable and fast determination of the equilibrium pressure.

The equilibrium is created by shaking the container manually before or after the sample is pierced, then the pressure is measured and displayed. After removing the container from the instrument, the temperature of the liquid is measured. The CO<sub>2</sub> content is then determined by using a Pentair Haffmans' slide rule based on Henry's Law.

The Inpack 2000 CO<sub>2</sub> Meter, type ICD, is equipped with a digital, absolute pressure gauge, which automatically compensates for atmospheric pressure changes.



## CUSTOMER BENEFITS

- **Cost saving**
  - **Lower investment costs (one device for all common container types)**
  - **Low maintenance**

## APPLICATIONS

- **Laboratory operation with cans and bottles of different types and sizes**
- **In combination with Pentair Haffmans Inpack 2000 Air Meter determination of air content possible**

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## TECHNICAL DATA

### Pressure gauge type

Digital, absolute

### Measuring range

Pressure gauge                    -1.0 - 6.0 barg

### Accuracy

Pressure gauge                    ≤ 0.03 bar

### Container dimensions

Height                                min. 50 mm - max. 360 mm  
Outside diameter                max. 120 mm

### Dimensions

250 x 170 x 550 (L x W x H mm)

### Weight

Ca. 2.4 kg

## SCOPE OF SUPPLY

- Inpack 2000 CO<sub>2</sub> Meter, type ICD
- Bottle burst protection net
- Slide rule % B.W.
- Service Set
- Instruction manual

## OPTIONS

- Certificate of measurement
- PET bottle holder



### HAFFMANS B.V.

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