

# HAFFMANS ICC

## INPACK 2000

### CO<sub>2</sub> CALCULATOR

#### 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, battery powered Inpack 2000 CO<sub>2</sub> Calculator, type ICC, allows for a fast and reproducible determination of the CO<sub>2</sub> content based on Henry's Law.

Equilibrium is created by shaking the container manually before or after the sample is pierced, followed by the measurement of pressure and temperature. The dissolved CO<sub>2</sub> content is then electronically calculated and displayed. The measurement results can be exported to a PC.

#### 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

##### Measuring range

CO <sub>2</sub> value	2.5 - 9.99 g/l
Temperature	-10.0 - 60.0 °C
Pressure	-1.0 - 6.0 barg

##### Accuracy

CO <sub>2</sub> value	± 0.10 g/l
Temperature	± 0.20 °C
Pressure	± 0.01 bar

##### Measuring units

CO <sub>2</sub> value	g/l, % w/w, Vol, kg/cm <sup>2</sup>
Temperature	°C, °F
Pressure	bar, psi, kg/cm <sup>2</sup>

##### Memory capacity

Up to 400 measurements

##### Container dimensions

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

##### Interface

RS-232

##### Dimensions

250 x 170 x 550 (LxWxH mm)

##### Weight

ca. 3 kg

#### SCOPE OF SUPPLY

- Inpack 2000 CO<sub>2</sub> Calculator, type ICC
- Bottle burst protection net
- Service set
- Battery charger\* with RS-232 connection (Euro, US, UK or AUS plug)
- Software set (CD + Interface)
- Instruction manual

\*When ordering, please state which battery charger you require.

#### OPTIONS

- Certificate of measurement
- PET bottle holder



##### HAFFMANS B.V.

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