

HAFFMANS ICC

INPACK 2000

CO₂ CALCULATOR

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 of bottled and canned beverages.

The user-friendly, battery powered Inpack 2000 CO₂ Calculator, type ICC, allows for a fast and reproducible determination of the CO₂ 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 CO₂ 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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CO₂ CALCULATOR

TECHNICAL DATA

Measuring range

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

Accuracy

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

Measuring units

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

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 CO₂ 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



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