

INPACK 2000 CO₂ Meter

General Information

For a constant quality and taste of all sorts of carbonated drinks, the critical parameter is the content of dissolved CO₂ (carbon dioxide) in the liquid. That is why it is common for breweries and the soft drinks industry to frequently measure the CO₂ content of carbonated beverages filled into bottles and cans.

Having a compact, ergonomic and modular design, the INPACK 2000 CO₂ Meter is user-friendly, safe and fast to operate by operators in breweries or soft drinks laboratories.

Principle of Operation

In practice, the INPACK 2000 CO₂ Meter is used in two ways:

1. The bottle or can is directly placed onto the instrument and then shaken by hand.
2. The bottle or can is shaken until equilibrium pressure is achieved, and then placed onto the instrument.

After this, the handle is pulled forward and the sample is pierced.

The pressure is read on the pressure gauge, as soon as the equilibrium pressure is achieved. The bottle or can may then be removed from the instrument to measure the temperature of the liquid with a thermometer. The CO₂ content is determined by means of the CO₂ slide rule, using the equilibrium pressure and the temperature.



Beverage Quality Control



laboratory



beer



soft drinks



water



Technical information

Features

Easy operation,
Fast measurement,
Manometer of 4 or 6 bars,
Good reproducibility.

Advantages

Light and ergonomic design,
Fit with all common container sizes (glass & PET bottles, cans),
No calibration necessary.

Benefits

Application for beer and soft drinks,
Maintenance-free device,
Cost-saving; one instrument for different product types,
Possible combination with an INPACK 2000 Air Meter for air content determination.

Scope of supply

- INPACK 2000 CO₂ Meter, type ICM -2000
- CO₂ slide rule, % w/w, bar, °C, (on request Vol., bar, °C)
- Set of spare parts (consisting of O-rings and special lubricant)
- Operating manual

* PET-bottle holder (optional)

Additional accessory

Thermometer

Technical data

Measuring range:

Pressure gauge: 0.0 – 4.0 bar (on request 0.0 – 6.0 bar)

Pressure gauge: DIN Class 1.0

Accuracy:

Pressure gauge: 0.02 bar graduation

Container dimensions:

Container height: min. 50 mm / max. 360 mm

Container diameter: outside max. 120 mm
bottom max. 92 mm

Dimensions: 550 x 170 x 250 (H x W x D in mm)

Weight Total: 2.4 kg

Haffmans B.V. reserve the right to make changes in the technical specifications at any time.



Haffmans B.V.

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