

CanNeed-DGM-200

Portable Digital Beverage CO₂ Calculator

(CO₂-Gehaltmeter)



The “CanNeed-DGM-200 Portable Digital Beverage CO₂ Meter” is common in breweries and soft drink industry to frequently measure the CO₂ content during production. It enables a fast and accurate determination of the CO₂ content in beer and carbonated drinks, either directly sampled within the production process (from e.g. tanks, pipes) or thereafter (from e.g. kegs).

The pretest sample liquid will go into the measuring volume through the vacuum pipe. Then, CanNeed -DGM-200 will start electrolysis process automatically with the electricity produced by platinum electrode. Then, the CO₂ content of over saturation in the beer or carbonated drinks will be released until the pressure balance is achieved. By means of a slide rule, the CO₂ content can be quickly determined. It only takes 2-3 minutes for one test, repetitive and durable.

Technical data:

CO₂ measuring range: 0.00 - 19.99 g/l

CO₂ accuracy: better than ± 0.10 g/l

Temperature measuring range: -10 - +60°C

Temperature accuracy: ± 0.2 °C

Pressure measuring range: -0.5 - +4bar

Pressure accuracy: ± 0.03 bar

Max. operation pressure: 5bar

Max. operation temperature: 60°C

Measurement between 2 charging operations:

Up to 80 measurements

Battery: 12V, 200mA

Charge voltage: 200-250V/50-60Hz

Ambient temperature: 0-40°C

Dimensions: 274 x 110 x 173mm (H x W x D)

Weight: Total: approx. 4 Kg

Charging time: 8 hours



- Adopt new type of soft pipe.
- Adopt quick pulling-plug soft pipe connection head
- Adopt new type of battery subassembly

