



1-CUBE

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CO₂ ANALOGUE MEASURING INSTRUMENT - ICA

Perfect device to check your packaging, ICA allows you to measure the quantity of CO₂ dissolved in beer, carbonated drinks, sparkling wines, packaged in bottles or cans.

Principle of measurement:

Our device for determining the CO₂ content is based on the Henry law principle. CO₂ is determined by measurement of the temperature and pressure at equilibrium after the fast mechanical release of CO₂. Our piston system advantageously replaces agitation to release CO₂ and simplifies the work of the operator.



Technical parameters:

range of CO₂ measurement..... 2.0 - 7.8 g/l or 1 - 4% vol.
range of temperature measurement..... -3°C - +50°C or 26-122°F
range of pressure measurement..... 0 - 400 kPa or 0-4 bars or 0-58 psi
accuracy of CO₂ content measurement..... + - 0,15 g/l or + -0,015 % w/w
accuracy of temperature measurement..... +- 0.5°C or 0.9°F
accuracy of pressure measurement..... 1.6%
size..... 530x240x300mm (hxwxd), 21x9.5x12 inches
weight..... 3.0 kg
measuring range of gas burette..... 0 - 12 ml of air

Base Model:

Consists of measuring device, interconnecting hoses, adapter, operating instructions

Optional Accessories:

Gas burette, stainless steel holder for PET bottles (required).

Note: Accessories may be purchased as required.