



Hamry 3567, 580 01 Havl. Brod, Czech Rep.
tel + 420 569 433 620 fax + 420 569 422 144
1-cube@1-cube.com www.1-cube.com

CO₂ ANALOGUE MEASURING INSTRUMENT - GMAs

Our Analogue CO₂ Measuring Device is designed for the determination of CO₂ content in fermenting tanks, KEG casks and cylindro-conical fermenters (g/l or volume %).

Principle of measurement:

This device is based on the Henry law principle. CO₂ content is determined by the measurement of the balance value of temperature and pressure after the mechanical releasing of CO₂ dissolved in solution, by shaking the GMAs.



Technical parameters:

range of CO ₂ measurement.....	2.0 ... 7.8 g/l, 0 ... 4% vol or in mass percentage w/w 0.2 ... 0.78% or in volume percentage v/v 1 ... 4%
range of temperature measurement	-3 ... 30°C or 26 ... 86°F
range of pressure measurement	0 ... 400 kPa or 0 ... 4 bars or 0 ... 58 psi
accuracy of CO ₂ content measurement...	+/- 0.2 g/l or +/- 0.02% w/w or +/- 0.1%vol
accuracy of temperature measurement....	+/- 0.5°C or +/- 0.9°F
accuracy of pressure measurement.....	+/- 2.5%
size.....	245 x 210 x 130 mm (h x w x d)
weight.....	1.8 kg

Base Model:

Consists of the measuring device and operating instructions.

Optional Accessories:

Two hoses for withdrawals
Withdrawal head for KEGS equipped with pump.

Note: Accessories may be purchased as required.