



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 - GMA

Our Analog CO₂ Measuring Device is designed for the determination of dissolved CO₂ content in fermenting tanks, KEG casks and cylindro-conical fermenters.

Principle of measurement:

This device is based on the Henry's law principle. CO₂ content is determined from balanced temperature and pressure measurements, after the mechanical release of dissolved CO₂.

Advantage:

Analog CO₂ Measuring Device GMA doesn't have to be shaken to release CO₂. The user only has to operate 3 times the plunger located on top of the device. This is much faster and convenient than shaking.



Technical parameters:

range of CO ₂ measurement.....	2.0 - 7.8 g/l
	or in mass percentage w/w 0.2 - 0.78%
	or in volume percentage v/v 1-4%
range of temperature measurement.....	-3°C - +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
accuracy of temperature measurement.....	± 0.5°C or ± 0.9°F
accuracy of pressure measurement.....	± 1.6%
size.....	270x200x140mm (hxwxd)
weight.....	1.8 kg

Base Model:

Consists of the measuring device, two silicone hoses for withdrawals, and operating instructions.

Optional Accessories:

Withdrawal head for KEGS equipped with manual pump.

Note: Accessories may be purchased as required.