



1-CUBE

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CO₂ ANALOGUE MEASURING INSTRUMENT - GMA

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 percentage).

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.

Advantage:

Analogue CO₂ Measuring Device GMA doesn't have to be shaken to remove CO₂. The operator only pulls out and consequently depresses the secure button on top of the device. After this the dissolved CO₂ is removed from sample.



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.....	+ - 2.5 %
size.....	200x180x90mm (hxwxd), 8x7x3.5 inches
weight.....	1.7 kg, 3.75 pounds (lb)

Base Model:

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

Optional Accessories:

Withdrawal head for KEGS equipped with pump.

Note: Accessories may be purchased as required.