



# 1-CUBE s. r. o.

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## CO<sub>2</sub> ANALOGUE MEASURING INSTRUMENT - GMA

Our Analogue CO<sub>2</sub> Measuring Device is designed for the determination of CO<sub>2</sub> content in fermenting tanks, KEG casks and cylindro-conical fermenters (volume percentage or g/l).

### **Principle of measurement:**

This device is based on the Henry law principle. CO<sub>2</sub> content is determined by the measurement of the balance value of temperature and pressure after the mechanical releasing of CO<sub>2</sub> dissolved in solution.



### **Technical parameters:**

range of CO <sub>2</sub> measurement.....	2,0 - 7,8 g/l or in volume percentage 0,2-0,78% vol.
range of temperature measurement.....	-3 <sup>0</sup> - + 30 <sup>0</sup> C or in <sup>0</sup> F
range of pressure measurement.....	0 - 400 kPa or in bars or psi
accuracy of CO <sub>2</sub> content measurement.....	+ - 0,2 g/l or + -0,02% volume
accuracy of temperature measurement.....	+ - 0,5%
accuracy of pressure measurement.....	+ - 1,6%
size.....	245x210x110mm (hxwxd)
weight.....	1,8 kg

### **Base Model:**

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

### **Optional Accessories:**

Withdrawal head for KEGS, pump

**Note:** Accessories may be purchased as required.