



# 1-CUBE

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## CO<sub>2</sub> DIGITAL MEASURING INSTRUMENT - GMD, GMDK

Our Digital CO<sub>2</sub> Measuring Device is designed for the determination of CO<sub>2</sub> content in beer, saturated beverages and sparkling wine in tanks, fermentation tanks, KEG casks and cylindro-conical fermenters (volume percentage or g/l).

### Measurement principle:

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 - 9.99 g/l or in mass percentage w/w 0.2 - 0.999% or in volume percentage v/v 1.0 - 5.15%
range of temperature measurement.....	-3°C - +30°C or 26 - 86 °F
range of pressure measurement.....	0 - 600 kPa or 0 - 6 bars or 0-87 psi
accuracy of CO <sub>2</sub> content measurement.....	0.1 g/l or 0.01% w/w
accuracy of temperature measurement.....	0.1°C or 0.16°F
accuracy of pressure measurement.....	0.5%
memory.....	400 samples of measurement
LCD display.....	2- lines, 8- digits
size.....	300x180x90 mm (hxwxd), 11.8x7x3.5 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, pump

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