

## Gauge Calibration Device

### General information

The Gauge Calibration Device, type GCD, is a dedicated precision instrument for calibrating pressure gauges and digital pressure sensors. It is a universally applicable device for all kinds of pressure calibrations.

As determination of the CO<sub>2</sub> content depends on measuring both the equilibrium pressure and the temperature, it is essential to accurately and reliably measure the pressure, to avoid errors when measuring the CO<sub>2</sub> content.

Having a compact and recognizable design, the Gauge Calibration Device is user-friendly and can be applied multi-functionally in breweries and soft drinks industry. As laboratory analyses depend on it, the calibration of measurement devices increasingly needs to be traceable.

The Gauge Calibration Device has been developed to carry out calibrations of pressure gauges and digital pressure sensors that are traceable and compliant with international standards.

The Gauge Calibration Device is an essential basic tool that breweries and soft drink industry need for their operations. Wherever a pressure is measured, simple questions like "When and how often do you check?" or "How reliable is your measurement?" should be raised.

### Principle of operation

The operation of the Gauge Calibration Device is extremely simple. Just connect a compressed gas supply on the inlet, attach the pressure measurement device that needs to be checked on the outlet, set the desired pressure with the reducing valve and compare it with the reading. If necessary, adjust your pressure measurement, following the instructions of the manufacturer and check it again with the Gauge Calibration Device.

## Beverage Quality Control



laboratory



beer



soft drinks



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## Technical information

### Scope of supply

- Gauge Calibration Device, type GCD.
- Set of spare sealings
- Calibration Certificate
- Operating manual

### Technical data

Gas pressure:

Inlet: max. 10 bar

Pressure gauge: 0 – 4 bar

Pressure gauge accuracy: DIN Class 0.6

Pressure gauge graduation: 0.02 bar

Connection:

Inlet: ø 6 mm tubing

Outlet: ø 6 mm tubing, ¼ inch gas female (2x)

Dimensions: 320 x 304 x 200 (H x W x D in mm)

Weight: 5.5 kg

### Suggestion:

For your convenience the Gauge Calibration Device can be supplied as a Total Quality Control concept, together with the following Haffmans instruments and Haffmans systems:

- CO<sub>2</sub> Gehaltemeter,
- Digital CO<sub>2</sub> Gehaltemeter,
- Intelligent CO<sub>2</sub> Gehaltemeter.
- INPACK 2000 CO<sub>2</sub> Meter,
- INPACK 2000 CO<sub>2</sub> Calculator,
- Automatic CO<sub>2</sub> Tester,
- Automatic CO<sub>2</sub> Dosing Device,

Haffmans B.V. reserve the right to make changes in the technical specifications at any time.



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