

# Handheld measuring instrument for hydraulic balancing HMG 01



- Hydraulic balancing directly at the radiator with VarioQ valves
- Simple measuring instrument for line fittings
- Measurement/check of differential pressure and flow rate
- For heating circuit water and media of other densities



**Application** For differential pressure measurement and flow rate adjustment in heating and refrigerating systems during hydraulic balancing. To be used in conjunction with VarioQ thermostat valves and combination blocks. If VarioQ valves are used, hydraulic balancing can be done directly at the radiator. It is neither necessary to know the pipeline system nor to perform complex calculations.

**Description** HMG 01 is a simple, lightweight handheld measuring instrument with a display for visualisation of the results of measurements. The flow coefficients of the valves with measuring function can be manually set via the keypad (valve bodies VarioQ S, M, L are stored in the memory); the flow rate at the valve can be displayed and the water volume can be easily set at the VarioQ valve without conversion. The measured flow rate and pressure values can be displayed in various units. HMG 01 features an intuitive calibration function for zero correction.

## Technical specifications

**Measuring range**  
0/1,000 kPa / 0/10 bar

**Max. overpressure**  
- side: 1,000 kPa / 10 bar  
+ side: 1,500 kPa / 15 bar

**Operating temperature range**  
Ambient/storage: -5/+50 °C  
Medium: -5/+90 °C

**Weight**  
380 g

**Dimensions**  
W x H x D 94 x 218 x 40 mm

**Display**  
Backlit display  
128 x 64 Pixel

**Connection**  
2 x plug connection (red/blue)

**Supply voltage**  
2 x 1.2 V AA batteries (rechargeable)

**Options**

- Hose kit for line fittings
- Measuring needles for line fittings

**Scope of delivery**  
Measuring instrument with calibration report, 2 x batteries, 1 pair of measuring hoses for connection of VarioQ valves, adapters and accessories for connection to the system to be balanced, mounting tools

DG: H, PG: 4	Part no.	Price €
<b>HMG 01</b>	<b>68785</b>	<b>718.00</b>
Accessories for line fittings		
<b>Measuring needles</b>	480 000.805	<b>41.80</b>
<b>Hose kit</b>	480 000.801	<b>118.00</b>