

GF series VERTICAL LIQUID COLUMN MANOMETERS

Pression / Dépression



KEY POINTS

The GF range of vertical liquid column manometers, developed and manufactured by KIMO, are mainly for checking pressures in gas networks within measurement ranges which vary according to the type of manometric liquid used : **VF 1** or **MERCURY**.
(See table below)

- "U"-shaped column for measuring consecutively positive and negative pressures
- Measurement by addition of values read on each column
- For fixed and portable use
- Zero adjustment by moving the slide strip
- Possibility of resisting static pressures over 10 bars
- Altuglas column sunk into the solid block
- Comes with bottle of liquid, 2 screws and rawplugs

MEASURING RANGE

| | Reference | Measuring range | | Resolution | |
|-------------------|----------------|-----------------|---------------|------------|------|
| | | mm CE | mbar | mm CE | mbar |
| VF1 LIQUID | GF 500 | 250 – 0 – 250 | 25 – 0 – 25 | 1 | 0,5 |
| | GF 1000 | 500 – 0 – 500 | 50 – 0 – 50 | | |
| | Reference | Measuring range | | Resolution | |
| | | mm HG | mbar | mm HG | mbar |
| MERCURY | GF 68 | 250 – 0 – 250 | 340 – 0 – 340 | 1 | 5 |
| | GF 94 | 350 – 0 – 350 | 470 – 0 – 470 | | |
| | GF 134 | 500 – 0 – 500 | 670 – 0 – 670 | | |

TECHNICAL FEATURES

| | |
|---------------------------------|---|
| Recommended range of use | From +5 to +30°C |
| Possible range of use | From -30 to +60°C |
| Maximum static pressure | 14 bars |
| Manometer body | 20 mm thick PVC |
| Liquid column | Tube Ø 4 X 10 mm in altuglas for mercury Tube Ø 6 X 10 mm for VF1 |
| Graduated slide strip | Transparent altiglas. Cross-section 54 X 3 mm |
| Zero adjustment | By moving the graduated slide strip, travel 20 mm. Fixed via milled, nickel-plated brass screw |
| Manometric liquid | VF1 liquid, density 13,545 or mercury, density 1 |
| Connection | Ø 5x8 mm semi-rigid crystal tube on Ø 6.2 Delrin ribbed connectors with M 7x100 thread. |
| Wall mounting | 2 screws Ø 5 X 25 mm |

DIMENSIONS

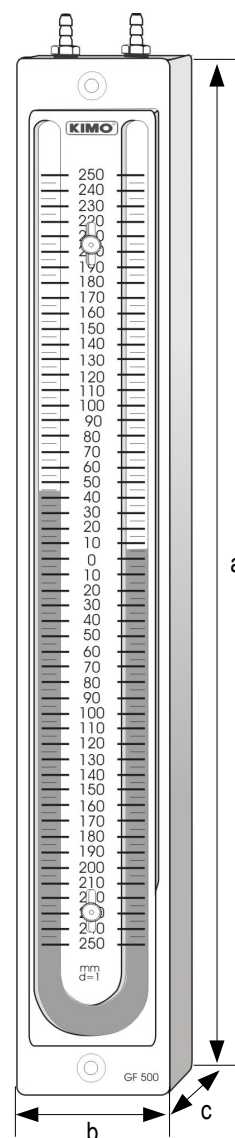
| Ref. | GF 500 | GF 1000 | GF 68 | GF 134 |
|------------------------|--------|---------|--------|---------|
| a | 607 mm | 1107 mm | 607 mm | 1107 mm |
| b | 70 mm | 70 mm | 70 mm | 70 mm |
| c | 25 mm | 25 mm | 25 mm | 25 mm |
| Distance between tubes | 571 mm | 1071 mm | 571 mm | 1071 mm |
| Weight | 540 g | 980 g | 800 g | 1450 g |

MOUNTING

- Mount** the manometer on a wall or partition wall with two maximum **Ø 5 x 25 mm** screws.
- Unscrew** the left-hand connector and **slowly pour the manometric liquid** to zero point on the graduation
- Remount** the connector without overtightening.
- Connect** the manometer with the **Ø 5x8 mm** crystal tube to the pressure or depression source to be checked.

Note :

For a **pressure** measurement.....Connect the crystal tube to **one of the two connectors**
 For a **depression** measurement.....Connect the crystal tube to **one of the two connectors**.



Händlerkontakt:

