

GF series VERTICAL LIQUID COLUMN MANOMETERS

Pressure / Depression



KEY POINTS

The GF range of vertical liquid column manometers, developed and manufactured by KIMO, are mainly for checking pressures in gas networks.

- "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 VF1 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		

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 6 X 10 mm
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 1
Connection	Ø 5 X 8 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

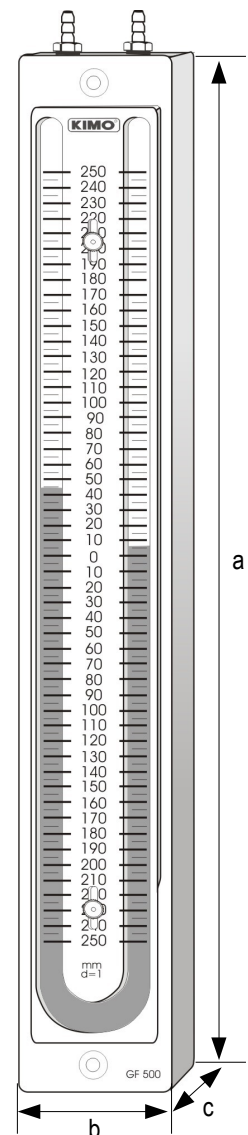
Reference	GF 500	GF 1000
a	607 mm	1107 mm
b	70 mm	70 mm
c	25 mm	25 mm
Distance between tubes	571 mm	1071 mm
Weight	540 g	980 g

MOUNTING

1. **Mount** the manometer on a wall or partition wall with two maximum **Ø 5 x 25 mm** screws.
2. **Unscrew** the left-hand connector and **slowly pour the manometric liquid** to zero point on the graduation
3. **Remount** the connector without overtightening.
4. **Connect** the manometer with the **Ø 5 x 8 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**.



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