

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 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 1 or mercury, density 13.545
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

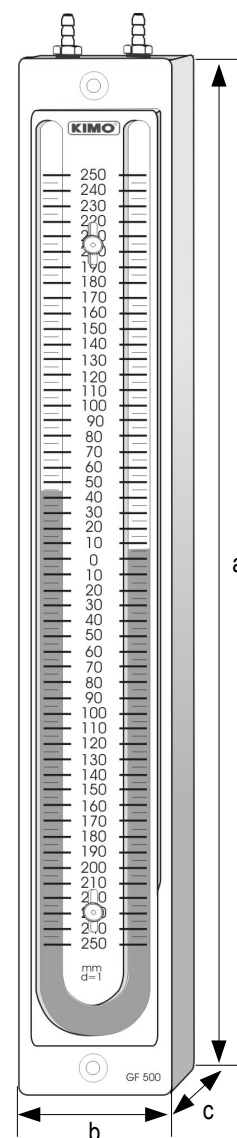
Ref.	GF 500	GF 1000	GF 68	GF 134
a	607 mm	1107 mm	607 mm	1107 mm
b	70 mm	70 mm	70 mm	70 mm
c	25 mm	25 mm	25 mm	25 mm
Distance between tubes	571 mm	1071 mm	571 mm	1071 mm
Weight	540 g	980 g	800 g	1450 g

MOUNTING

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 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**.



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