

**TECHNICAL DATA SHEET**

**GF SERIES  
VERTICAL LIQUID  
COLUMN MANOMETERS**

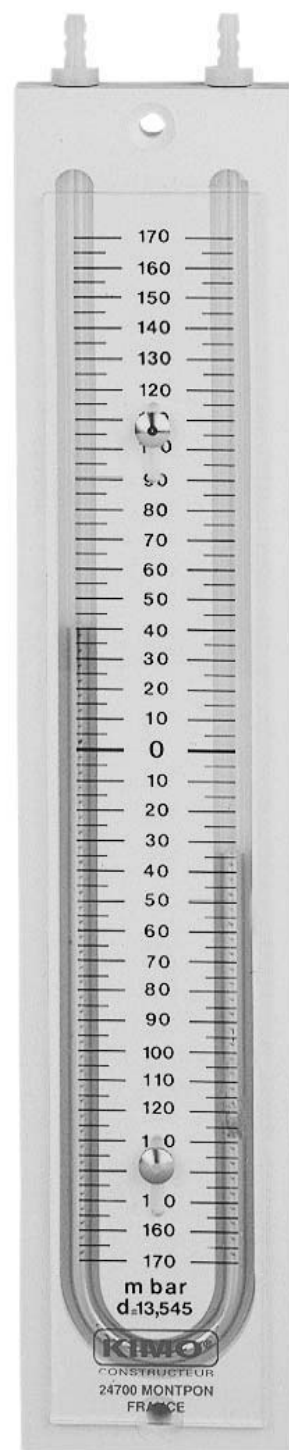


The MT range of vertical liquid column manometers, developed and manufactured by KIMO, are mainly for checking pressures in gas networks within measurement ranges which vary according to the type of manometric liquid used : VF 1 or MERCURY.  
(See table below)

- "U"- shaped column for measuring consecutively positive and negative pressures.
- Measurement by addition of values read on each column.
- For fixed or 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 2 rawlplugs.

**MEASUREMENT RANGE** \_\_\_\_\_

		MEASUREMENT RANGE			RESOLUTION		
		Reference	mm CE	mbar	In WG	mm CE	mbar
<b>VF1 LIQUID</b>	<b>GF 250</b>	125-0-125	12.5-0-12.5	5-0-5	1	0.5	0.05
	<b>GF 500</b>	250-0-250	25-0-25	10-0-10			
	<b>GF 700</b>	350-0-350	35-0-35	14-0-14			
	<b>GF 1000</b>	500-0-500	50-0-50	20-0-20			
<b>MERCURY</b>	Reference	mm HG	mbar	In HG	1	5	0.05
	<b>GF 34</b>	125-0-125	170-0-170	5-0-5			
	<b>GF 68</b>	250-0-250	340-0-340	10-0-10			
	<b>GF 94</b>	350-0-350	470-0-470	14-0-14			
	<b>GF 134</b>	500-0-500	670-0-670	20-0-20			



## CHARACTERISTICS

- Recommended range of use : +5 to 30°C.
- Possible range of use : -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 Altuglas. Cross-section 54 x 3 mm.
- Zero adjustment by moving the graduated slide strip, travel 20 mm. Fixed in place via milled, nickel-plated brass screw.
- Connection : Ø 5x8 mm semi-rigid crystal tube on Ø 6.2 Delrin ribbed connectors with M 7x100 thread.
- Wall mounting via two Ø 5 mm screws.

## DIMENSIONS

REFERENCE	a	b	c	Distance between tubes	Weight
<b>GF 250</b>	357 mm	70 mm	25 mm	321 mm	320 g
<b>GF 500</b>	607 mm	70 mm	25 mm	571 mm	540 g
<b>GF 700</b>	807 mm	70 mm	25 mm	771 mm	750 g
<b>GF 2000</b>	2107 mm	70 mm	25 mm	2071 mm	1900 g
<b>GF 34</b>	357 mm	70 mm	25 mm	321 mm	570 g
<b>GF 68</b>	607 mm	70 mm	25 mm	571 mm	800 g
<b>GF 94</b>	807 mm	70 mm	25 mm	771 mm	1000 g
<b>GF 134</b>	1107 mm	70 mm	25 mm	1071 mm	1450 g

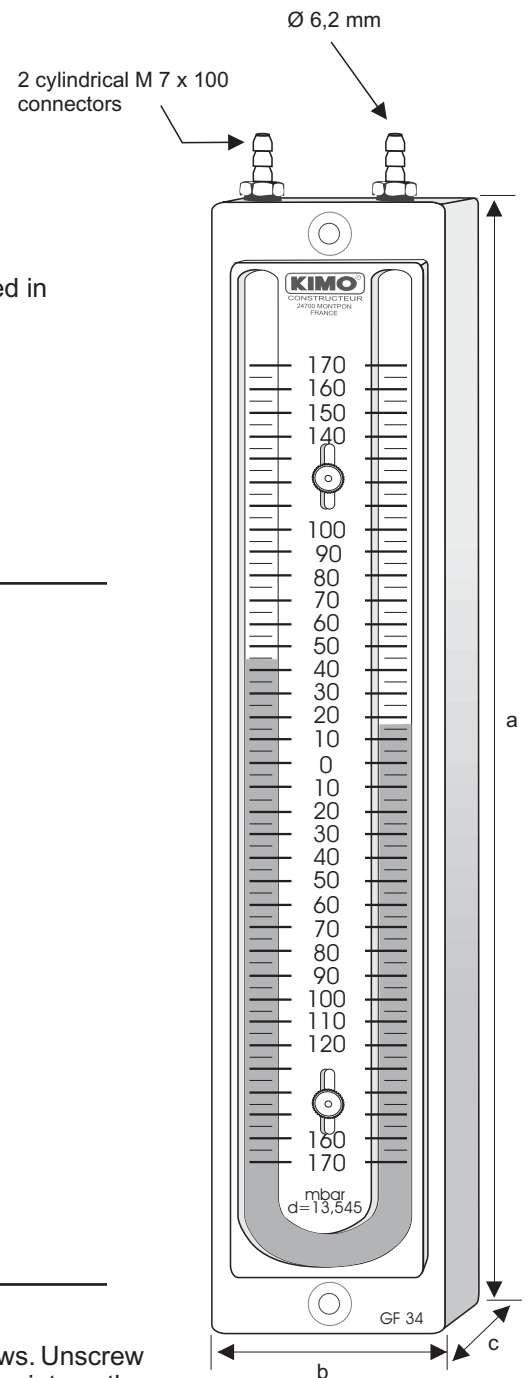
## MOUNTING

Mount the manometer on a wall or partition wall with two maximum Ø 5 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.

**MAINTENANCE** : GF manometers require no special maintenance other than simply changing the reading liquid once a year.



[www.kimo.fr](http://www.kimo.fr)

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