

**CP series  
INCLINED LIQUID  
COLUMN MANOMETERS**

Pressure / Depression

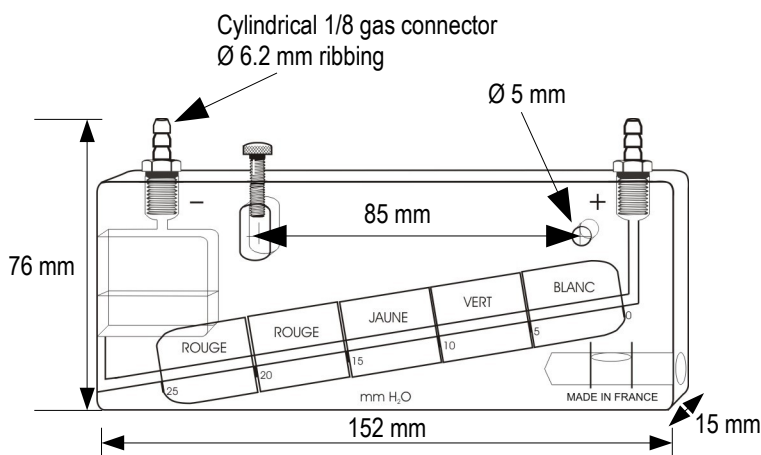


**KEY POINTS**

The CP 25 inclined liquid column manometer, developed and manufactured by KIMO measures slight variations in pressure, depression or differential pressure of air or gas. It is specially designed for checking clogging of filters in painting booths.

- Graduation scale via coloured zones for fast and easy reading
- Safety reservoir enabling momentaneous overshooting of the scale
- Supplied with two 487 connectors and a bottle of AWS 10 liquid

**DIMENSIONS**



**MEASURING RANGE**

0 – 25 mm CE

**SENSITIVITY SCALE**  
for 1 mm CE

5 mm

## TECHNICAL FEATURES

<b>Recommended range of use</b>	From +5 to +30°C
<b>Possible range of use</b>	From -30 to +60°C
<b>Maximum static pressure</b>	6 bars
<b>Manometer body</b>	Transparent 15 mm thick Altuglas.
<b>Liquid column</b>	Entirely bored in the solid block, Ø 4 mm.
<b>Graduation</b>	Directly silk-screened onto the rear face with different colour zones :  <i>from 0 to 5 mm CE : white</i> <i>from 5 to 10 mm CE : green</i> <i>from 10 to 15 mm CE : yellow</i> <i>from 15 to 25 mm CE : red (Variations possible on request).</i>
<b>Positioning</b>	Horizontal positioning via integrated spirit level and milled, nickel-plated brass adjusting screw, vertical travel 12 mm
<b>Manometric liquid</b>	AWS 10 red oil - density 0.87 at 15°C.
<b>Reservoir capacity</b>	20 ml
<b>Connection</b>	Ø 5x8 mm semi-rigid crystal tube, on Ø 6.2 mm ribbed, nickel-plated brass connectors, 1/8 gas thread.
<b>Wall-mounted</b>	With or without white PVC support

## MOUNTING

1. **Mount** on a wall or a vertical partition wall with two maximum **Ø 5 x 25 mm** screws (supplied).
2. **Set horizontality** using the integrated level and the milled adjusting screw.
3. **Unscrew** the connector on the reservoir and **slowly pour the manometric liquid** to zero point on the graduation.
4. **Remount** the connector without overtightening.
5. **Connect** the manometer with the **Ø 5 X 8 mm** crystal tube to the pressure or depression source to be checked.

## NOTES :

- For a **pressure** measurement.....Connect the crystal tube to the **right-hand connector (+)**  
For a **depression** measurement.....Connect the crystal tube to the **left-hand connector (-)**  
For a **differential pressure**.....Connect the highest pressure to the **right-hand connector (+)** and the lowest pressure to the **left hand connector (-)**

## MAINTENANCE :

The CP 25 manometer requires no special maintenance other than simply changing the reading liquid once a year.