

Test Equipment

Inclined Vertical Tube Manometer

- ManoA1-700pa**
- Inclined-vertical shaped tube with low-volatile indicating red fluid.
 - Capable of measuring higher ranges, with fine details at lower ranges.
 - Capable of measuring positive, negative and differential pressure of air or gas. Comes with 2 mounting screws, 2 tubing connectors, 8ft long flexible plastic tubing, and a bottle of red fluid.
 - Inexpensive and common in conventional applications.

- Accuracy $\pm 3\%$ FS

- Range: 0 - 700 Pa

- Fluid used: Red oil, .826 s.g.

- Maximum working temperature: 54°C

- Maximum working pressure: 150KPa



Dwyer Mark2 M-700Pa Manometer

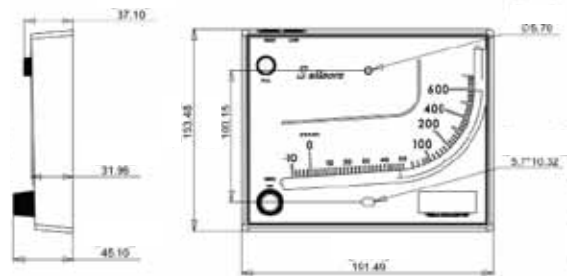
Installation

1. Install the A1 manometer on a vertical surface with the two mounting screws supplied. Use the integrated spirit level to adjust the level, and then secure into place.
2. Unscrew the cap (left-top) in the front, slowly pour the red fluid, and adjust the lower cap to zero.
3. Connect the measured pressure tubing to the manometer.

Positive pressure measurement: Connect the measured pressure tubing to the port marked "High".

Negative pressure measurement: Connect the measured pressure tubing to the port marked "Low".

Differential pressure measurement: Connect the higher pressure tubing to the port marked "High", and the lower pressure tubing to the port marked "Low".



Dimensions (mm)

Gauges

Code	Description	
Sai-A2-250	Differential Pressure Gauge 0-250pa	S
Sai-A2-301	Differential Pressure Gauge Filter mounting kit	S



Sai-A2-250

The Series A2 differential pressure gauges are low cost, diaphragm operated, mechanical pressure gauges.

The A2 gauge can be used in applications for measuring positive, negative or differential pressure with an accuracy of 2%.

Standard applications include monitoring filter status, duct static pressure, room pressure, fan or blower pressure, paint booths, dust collectors, and cabinet purging along with many others.

Full pressure range (Pa), including Zero Centre Ranges available.



Sai-A2-301

Air Filter Gauge Kit (A2-301-P)

For A2 Differential Pressure Gauges

The Air Filter Gauge Kit converts any A2 into an air filter gauge.

The kit includes an aluminium surface mounting bracket with screws, (2) static pressure tips, (2) vent valves and (20 5ft lengths of vinyl (plastic) tubing.

Due to a policy of continuous development, prices and specifications are subject to change without notice.

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