

Industrial Manometers

Airflow's general purpose manometers are suitable for positive, negative and differential pressure and combine low cost with quality engineering and a high standard of performance. The range includes basic gauges for filter monitoring in air handling systems, high sensitivity inclined gauges for monitoring more critical process pressures and a number of vertical column gauges suitable for wall mounting or free standing use in the laboratory. There is also a choice of manometers with visual and audible alarms.

- Low relative density fluid gives expanded scale for better resolution
- Wide choice of ranges
- Attractive modern appearance, stove enamelled body
- Robust for industrial applications
- Bench stands available for most models
- Minimal maintenance required
- Adjustable zero
- Fixing Kit supplied

Type SJ (Slim Jim) Vertical Manometers

At the high pressure end of Airflow's range, the standard SJ manometers go up to 6000 Pascals, They are suitable for wall mounting, or free standing use with the optional bench stand. The instrument body is an aluminium extrusion, incorporating a groove which supports the sight glass along its entire length. The sight glass is held in place by the bow-front anodised aluminium scale, and fine adjustment for zero is achieved by altering the height of the reservoir tank with the aid of a rotary screwed collar on one of the pressure tappings.

Type 504 Inclined Gauges

Highly sensitive instruments with a scale length of 250 mm, covering the range 0-125 Pascals and 500 Pascals. The gauge is suitable for wall or panel mounting with the fixing kit supplied, or it can be fitted with an optional bench stand incorporating levelling adjustment. The steel casing carries an extruded support for the anodised aluminium scale and precision bore, sight glass. A spirit level is provided for accurate levelling. The combination of long scale length gives precise measurement of low pressures.



SPECIFICATION

Type	Pressure Range, all scales start at zero (divisions in brackets)						Overall dimensions		
	Inches WG	mm H ₂ O	Pascals		Fluid at 20°C Density	Nominal Scale Length	Height	Width	Depth
						mm	mm	mm	mm
504/125	0.5 (.01)	12.5 (.1)	125 (1)	0.784	255	125	370	41	
504/500	2 (.02)	50 (.2)	500 (5)	0.784	255	200	370	41	
SJ/8	8 (.1)	200 (1)	2000 (10)	0.784	255	360	38	49	
SJ/12	12 (.1)	300 (1)	3000 (10)	0.784	385	490	38	49	
SJ/16	16 (.1)	400 (1)	4000 (10)	0.784	510	620	38	49	
SJ/24	24 (.1)	600 (1)	6000 (10)	0.784	764	875	38	49	

Accuracy @ 20°C 1013mb Better than ± 3% of Reading