

ADVANCE MULTI-SCALE DIFFERENTIAL PRESSURE METER



- High accuracy
- Selectable Pressure units.
- Intrinsically safe models certified EEX ia IIC T4.
- Dust and waterproof to Ip67.
- Gauge (single input) or differential (double input)
- Measurement of positive and negative (vacuum) pressure.
- Adjustable zero value.
- Maximum, Minimum and hold functions
- Averaged reading function
- Selectable auto switch off
- Functions as portable calibrator with TK 2 test Kit.

Scale	For Liquids †	C 9557/SIL
PSI	Range	0 to ± 100
	Resolution	0.1
mbar	Range	0 to ± 6900
	Resolution	1
inH ₂ O	Range	0 to ± 2750
	Resolution	1
inHg	Range	0 to ± 200
	Resolution	0.1
mmHg	Range	0 to ± 5200
	Resolution	1
torr	Range	0 to ± 5200
	Resolution	1
Pa	Range	–
	Resolution	–
Kpa	Range	0 to ± 690
	Resolution	0.1
mmH ₂ O	Range	–
	Resolution	–
cmH ₂ O	Range	0 to ± 7000
	Resolution	1
Kgcm ⁻²	Range	0 to ± 7.0
	Resolution	0.001
Maximum Over Pressure Under Pressure		200 PSI 13700 mbar
Accuracy at 23°C		± 0.2% of full scale
Repeatability at 23°C		± 0.1% of full scale
Operating Range		0 to 50 °C (Temperature), 10 to 90% RH non condensing (Humidity)
Environmental Rating		Ip67, BS EN 60529, IEC 529.



Advance C9557/SIL portable pressure meter combine high accuracy and speed of response, together with ease of use altogether superior to traditional measurement methods.

With measurement capacity up to 7 bar gauge or differential pressure, they have a robust, waterproof design suitable for use in almost any environment.

Microprocessor electronics enable readings to be displayed in any one of the available pressure scales. Either input can be connected with the other left open for measurements relative to atmosphere (gauge pressure). Both inputs can be connected for differential pressure measurements.

Features include maximum/minimum pressure readings, which can be held and displayed in any available scale; and over-range indication. Accuracy is enhanced by an adjustable zero value and an averaging filter function.

Advance c 9557/Sil is specially configured for Hydronic Balancing applications and also suitable for applications gas pressures, boiler flue draught, checking filters in air conditioning systems, laboratories and clean rooms, process pressures, service and maintenance, calibration of other instrumentation

All instruments are supplied with tubing and connectors to suit Hydronic balancing using Advance make Balancing Valves.

Advance C9557/SIL instrument is suitable for liquid , gas and air measurement.

Flow computation software

To enable site engineers to calculate the flow , Advance will supply software installable on window based Laptop and Desktop , designed for all Advance make balancing valves . For determining flow , the engineer needs to select the valve model, Size and enter the Turns/angle setting on the valve and the differential pressure reading from digital meter/ mercury manometer.

The Units for Differential pressure and flow is selectable by the site engineer. This is a simple to operate software.

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