

Pressure Meters

Comark pressure meters combine high accuracy with speed of response and offer the option of ATEX certified Intrinsically Safe models.

The C9500 instruments have twin inputs for gauge or differential pressures and positive or negative (vacuum) pressure measurement.

Typical applications include boiler flue draft, air conditioning filters, laboratories and clean rooms, process pressures, service and maintenance and the calibration of other instruments.

The C9550 is designed for use with external pressure transducers and provides safe and accurate measurement from 0 to 4000 bar.

The KM50 and KM100 offer great value for money in applications such as checking gas supply pressures in domestic and commercial environments.

*C9500 INTERNAL SENSOR PRESSURE METERS



- Dust and waterproof to IP67 standards
- Selectable pressure units
- Silicone protection option available for measurement of liquids, add /SIL to order code eg C9501/IS/SIL
- ATEX compliant Intrinsically Safe models available, certified to Ex II 1 G EEx ia IIC T4 Baseefa 03 ATEX 0079
- Twin inputs for gauge or differential measurement
- Positive or negative (vacuum) measurement
- Semi-automatic zero adjustment
- Maximum and minimum pressure and hold function
- Averaged reading function
- Over-range indication
- Selectable auto switch off
- Can function as a calibrator when used with the TK2 pressure test kit
- Supplied with tubing and connectors, plus hard carrying case for Intrinsically Safe models



SCALE	Standard Intrinsically Safe	① C9551 C9501/IS	② C9553 C9503/IS	③ C9555 C9505/IS	④ C9557 C9507/IS
PSI	Range	0 to ± 2	0 to ± 5	0 to ± 30	0 to ± 100
	Resolution	0.001	0.001	0.01	0.1
mbar	Range	0 to ± 140	0 to ± 350	0 to ± 2000	0 to ± 6900
	Resolution	0.1	0.1	1	1
inH ₂ O	Range	0 to ± 55	0 to ± 140	0 to ± 830	0 to ± 2750
	Resolution	0.01	0.1	0.1	1
inHg	Range	0 to ± 4	0 to ± 9.999	0 to ± 61	0 to ± 200
	Resolution	0.001	0.001	0.01	0.1
mmHg	Range	0 to ± 99.99	0 to ± 260	0 to ± 1500	0 to ± 5200
	Resolution	0.01	0.1	1	1
torr	Range	0 to ± 99.99	0 to ± 260	0 to ± 1500	0 to ± 5200
	Resolution	0.01	0.1	1	1
Pa	Range	0 to ± 9999	-	-	-
	Resolution	1	-	-	-
KPa	Range	-	0 to ± 35	0 to ± 200	0 to ± 690
	Resolution	-	0.01	0.1	0.1
mmH ₂ O	Range	0 to ± 1400	0 to ± 3500	-	-
	Resolution	1	1	-	-
cmH ₂ O	Range	-	-	0 to ± 2100	0 to ± 7000
	Resolution	-	-	1	1
Kgcm ⁻²	Range	-	-	0 to ± 2.1	0 to ± 7.0
	Resolution	-	-	0.001	0.001
Maximum Over/Under Pressure		6 PSI/ 400mbar	15 PSI/ 1000mbar	90 PSI/ 6200mbar	200PSI/ 13700mbar
Accuracy at +23°C		$\pm 0.2\%$ of full scale			
Repeatability at +23°C		$\pm 0.1\%$ of full scale			
Mean Temperature Coefficient of Reading		Better than 0.1% per °C			
Operating Range	Temperature	0°C to +40°C			
	Humidity	10 to 90% RH non condensing			
Environmental Rating		IP67, BS EN 60529, IEC 529			
Protection Levels (IS Models only)		Ex II 1 G EEx ia IIC T4 Baseefa 03 ATEX 0079 (certification applicable at atmospheric pressure)			
Connections		1/8" BSP female			
Battery Type		6F22 MN1604, PP3 VT3 UCAR 9V			
Battery Life		90 hours			

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