

Comark Pressure Meters Specifications



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.

- ATEX compliant, certified to  II 1 G EEx ia IIC T4 Baseefa 03 ATEX 0079
- Selectable pressure units*, PSI, mbar, Bar, inH₂O, inHg, mmHg, Torr, Pa, KPa, mmH₂O, cmH₂O, Kgcm⁻²
- Positive or negative (vacuum) pressure measurement
- Adjustable zero value
- Maximum, minimum pressure and hold function
- Averaged reading function
- Over-range indication
- Selectable auto switch off
- Can function as a calibrator when used with TK2 pressure test kit
- Silicone protection option available for liquid pressure measurement
- Supplied with tubing and connectors, plus hard carry case for IS Models

* Dependant on model

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Technical Specification

Standard Intrinsically Safe		C9551 C9501/IS	C9553 C9503/IS	C9555 C9505/IS	C9557 C9507/IS
PSI	Range	0 to ±2.031	0 to ±5.076	0 to ±30.46	0 to ±101.05
	Resolution	0.001	0.001	0.001	0.01
mBar	Range	0 to ±140	0 to ±350	0 to ±2100	0 to ±7000
	Resolution	0.1	0.1	0.1	1
Bar	Range	-	-	0 to ±2.100	0 to ±7.000
	Resolution	-	-	0.001	0.001
inH ₂ O	Range	0 to ±56.2	0 to ±140.5	0 to ±843.1	0 to ±2810
	Resolution	0.01	0.01	0.1	0.1
inHg	Range	0 to ±4.134	0 to ±10.34	0 to ±62.01	0 to ±206.7
	Resolution	0.001	0.001	0.01	0.01
mmHg	Range	0 to ±105.0	0 to ±262.5	0 to ±1575	0 to ±5250
	Resolution	0.01	0.01	0.1	1
Torr	Range	0 to ±105.0	0 to ±262.5	0 to ±1575	0 to ±5250
	Resolution	0.01	0.01	0.1	1
Pa	Range	0 to ±14000	-	-	-
	Resolution	1	-	-	-
KPa	Range	0 to 14.00	0 to ±35.00	0 to ±210.0	0 to ±700.0
	Resolution	0.001	0.01	0.01	0.1
mmH ₂ O	Range	0 to ±1428	0 to ±3569	-	-
	Resolution	0.1	1	-	-
cmH ₂ O	Range	0 to ±142.8	-	0 to ±2141	0 to ±7138
	Resolution	0.01	-	0.1	1
Kgcm ⁻²	Range	0 to ±143	0 to ±0.357	0 to ±2.141	0 to ±7.138
	Resolution	0.001	0.001	0.001	0.001
Maximum Over/Under Pressure		6 PSI/ 400mbar	15 PSI/ 1000mbar	90 PSI/ 6200mbar	200 PSI/ 13700mbar
Accuracy at +23°C		±0.2% of full scale			
Repeatability at +23°C		±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 60529, IEC 529			
Protection Levels (IS Models only)		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			



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.