COMARK
A Fluke Company

Comark Pressure Meter Range

with ATEX certified Intrinsically Safe models



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 for standard pressure meters include boiler flue draft, air conditioning filters, laboratories and clean rooms, process pressures, service and maintenance and the calibration of other instruments.

ATEX approved pressure transmitters should be used in hazardous zones with flammable gases present such as petrochemical refineries and natural gas distribution pipelines.

Features

- ATEX compliant certified to Ⓔx II 1 G EEx ia IIC T4 Ga Baseefa03ATEX0079
- 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
- Silicone protection option available for liquid pressure measurement

*Dependent on model

Supplied with tubing and connectors, plus hard carry case for IS Models

Warranty

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty for temperature probes is six months and all other probes are unwarranted because the conditions of use are beyond our control. The Comark Warranty covers manufacturing defects and component failure and applies worldwide. In line with our policy of continuous development, we reserve the right to alter any product specification without notice. Comark has an accredited UKAS (NIST equivalent) calibration laboratory for temperature and humidity measurement and offers full service and recalibration facilities.

Comark Instruments is committed to providing quality and affordable products to the food service industry. Our thermometers and humidity testers bring speed, accuracy and reliability to the transport, testing and storing of food under HACCP guidelines. A large variety of products, well-trained staff, and a commitment to customer satisfaction mean you can come to us for answers to all your temperature measurement needs!

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Comark Instruments
52 Hurricane Way
Norwich, Norfolk, NR6 6JB
United Kingdom
Tel: +44 (0) 207 942 0712
Fax: +44 (0) 207 942 0714
Email: sales@comarkinstruments.com

Comark Instruments
P.O. Box 500
Beaverton, OR 97077, USA
Tel: +1 (503) 643 5204
Toll Free: (800) 555 6658
Fax: +1 (503) 627 5311
Email: sales@comarkusa.com

UKAS CALIBRATION 0451

bsi. ISO 9001 Quality Management FM29700

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Specifications

Accuracy at +23°C	±0.2% of full scale
Resolution 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 EN60529, IEC 529
Protection Levels (IS Model only	Ex II 1G EEx ia IIC T4 Ga Baseefa03ATEX0079 (Certification applicable at atmospheric pressure)
Connections	1/8" BSP Female
Battery Type	6F22 MN 1604, PP3 VT3 UCAR 9V
Battery Life	90 hours

For more details please see www.comarkinstruments.com

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^2O	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^2O	Range	0 to ±1428	0 to ±3569	-	-
	Resolution	0.1	1	-	-
cmH^2O	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

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The Professionals' Choice