

# Comark 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.

- **ATEX compliant** certified to  $\text{Ex}$  II 1 G EEx ia IIC T4 Ga Baseefa03ATEX0079
- **Selectable pressure units\*** PSI, mbar, Bar, inH<sub>2</sub>O, inHg, mmHg, Torr, Pa, KPa, mmH<sub>2</sub>O, cmH<sub>2</sub>O, Kgcm<sup>-2</sup>
- **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

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

\* Dependant on model



Comark is the leading manufacturer and supplier of a wide range of electronic measurement instruments for temperature, humidity and pressure.



**2-Year  
Warranty**

# Technical Specification

Standard Intrinsically Safe		C9551 C9501/IS	C9553 C9503/IS	C9555 C9555/IS	C9557 C9507/IS
PSI	Range Resolution	0 to $\pm 2.031$ 0.001	0 to $\pm 5.076$ 0.001	0 to $\pm 30.46$ 0.001	0 to $\pm 101.05$ 0.01
mBar	Range Resolution	0 to $\pm 140$ 0.1	0 to $\pm 350$ 0.1	0 to $\pm 2100$ 0.1	0 to $\pm 7000$ 1
Bar	Range Resolution	- -	- -	0 to $\pm 2.100$ 0.001	0 to $\pm 7.000$ 0.001
inH <sup>2</sup> O	Range Resolution	0 to $\pm 56.2$ 0.01	0 to $\pm 140.5$ 0.01	0 to $\pm 843.1$ 0.1	0 to $\pm 2810$ 0.1
inHg	Range Resolution	0 to $\pm 4.134$ 0.001	0 to $\pm 10.34$ 0.001	0 to $\pm 62.01$ 0.01	0 to $\pm 206.7$ 0.01
mmHg	Range Resolution	0 to $\pm 105.0$ 0.01	0 to $\pm 262.5$ 0.01	0 to $\pm 1575$ 0.1	0 to $\pm 5250$ 1
Torr	Range Resolution	0 to $\pm 105.0$ 0.01	0 to $\pm 262.5$ 0.01	0 to $\pm 1575$ 0.1	0 to $\pm 5250$ 1
Pa	Range Resolution	0 to $\pm 14000$ 1	- -	- -	- -
KPa	Range Resolution	0 to 14.00 0.001	0 to $\pm 35.00$ 0.01	0 to $\pm 210.0$ 0.01	0 to $\pm 700.0$ 0.1
mmH <sup>2</sup> O	Range Resolution	0 to $\pm 1428$ 0.1	0 to $\pm 3569$ 1	- -	- -
cmH <sup>2</sup> O	Range Resolution	0 to $\pm 142.8$ 0.01	- -	0 to $\pm 2141$ 0.1	0 to $\pm 7138$ 1
Kgcm <sup>-2</sup>	Range Resolution	0 to $\pm 143$ 0.001	0 to $\pm 0.357$ 0.001	0 to $\pm 2.141$ 0.001	0 to $\pm 7.138$ 0.001

## WARRANTY

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty period for temperature probes is for six months and all other probes and electrodes are unwarranted because the conditions of use are beyond our control. The Comark warranty covers manufacturing defects and component failures on all products returned to Comark premises and applies worldwide. The warranty does not affect your statutory rights. In line with our policy of continuous development we reserve the right to alter any product specifications without notice. All products are covered by our Quality Management System which is compliant with BS EN ISO 9001:2008 for the design, manufacture, supply, service, repair and recalibration of electronic measuring instruments and equipment.

Maximum Over/ Under Pressure	6 PSI/ 400mbar	15PSI/ 1000mbar	90PSI/ 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 Humidity	0°C to +40°C 10 to 90% RH non condensing			
Environmental Rating	IP67, BS EN60529, IEC 529			
Protection Levels (IS Models only)	⊕ 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			

Distributed by:

### Comark Instruments

52 Hurricane Way  
Norwich, Norfolk NR6 6JB, United Kingdom

Tel: 0844 815 6599

Fax: 0844 815 6598

Email: sales@comarkinstruments.com

### Comark Instruments (USA)

PO Box 500  
Beaverton, OR 97077, USA

Tel: (800) 555 6658

Fax: (503) 644 5859

Email: sales@comarkusa.com



ISO 9001  
CERTIFICATE No. FM29700



0451



**COMARK**

A Fluke Company