

# C9551


**Pressure Meter,  
range 0 to  $\pm 140$ mbar**

**High accuracy, electronic pressure meter**

- \* Dust and waterproof to IP67 (BS EN 60529, IEC529) standards
  - \* Selectable pressure units, PSI, mbar, inH<sub>2</sub>O, inHg, mmHg, torr, Pa, mmH<sub>2</sub>O
  - \* Silicone protection option available for liquid pressure measurement
  - \* Twin inputs for gauge or differential pressure measurement
  - \* Positive or negative (vacuum) pressure measurement
  - \* Adjustable zero value
  - \* Maximum, minimum pressure and hold function
  - \* Averaged reading function
  - \* Over-range indication - maximum over/under pressure
- 6PSI/400mbar**
- \* Selectable auto switch off
  - \* Can function as a calibrator when used with TK2 pressure test kit
  - \* Supplied with tubing and connectors



Scale	Standard Intrinsically Safe For Liquids	C9551 C9501/IS C9551/SIL	C9553 C9503/IS C9553/SIL	C9555 C9505/IS C9555/SIL	C9557 C9507/IS C9557/SIL
PSI	Range Resolution	0 to $\pm 2$ 0.001	0 to $\pm 5$ 0.001	0 to $\pm 30$ 0.01	0 to $\pm 100$ 0.1
mbar	Range Resolution	0 to $\pm 140$ 0.1	0 to $\pm 350$ 0.1	0 to $\pm 2000$ 1	0 to $\pm 6900$ 1
inH <sub>2</sub> O	Range Resolution	0 to $\pm 55$ 0.01	0 to $\pm 140$ 0.1	0 to $\pm 830$ 0.1	0 to $\pm 2750$ 1
inHg	Range Resolution	0 to $\pm 4$ 0.001	0 to $\pm 9.999$ 0.001	0 to $\pm 61$ 0.01	0 to $\pm 200$ 0.1
mmHg	Range Resolution	0 to $\pm 99.99$ 0.01	0 to $\pm 260$ 0.1	0 to $\pm 1500$ 1	0 to $\pm 5200$ 1
torr	Range Resolution	0 to $\pm 99.99$ 0.01	0 to $\pm 260$ 0.1	0 to $\pm 1500$ 1	0 to $\pm 5200$ 1
Pa	Range	0 to $\pm 9999$	-	-	-

	<b>Resolution</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Kpa</b>	<b>Range</b>	<b>-</b>	<b>0 to ±35</b>	<b>0 to ±200</b>	<b>0 to ±690</b>
	<b>Resolution</b>	<b>-</b>	<b>0.01</b>	<b>0.1</b>	<b>0.1</b>
<b>mmH<sub>2</sub>O</b>	<b>Range</b>	<b>0 to ±1400</b>	<b>0 to ±3500</b>	<b>-</b>	<b>-</b>
	<b>Resolution</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>cmH<sub>2</sub>O</b>	<b>Range</b>	<b>-</b>	<b>-</b>	<b>0 to ±1200</b>	<b>0 to ±7000</b>
	<b>Resolution</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>
<b>Kgcm<sup>2</sup></b>	<b>Range</b>	<b>-</b>	<b>-</b>	<b>0 to ±2.1</b>	<b>0 to ±7.0</b>
	<b>Resolution</b>	<b>-</b>	<b>-</b>	<b>0.001</b>	<b>0.001</b>
<b>Maximum Over Pressure</b>		<b>6 PSI/400mbar</b>	<b>15 PSI/1000mbar</b>	<b>90PSI/620mbar</b>	<b>200 PSI/13700mbar</b>
<b>Accuracy</b>		<b>0.2% of full scale at +23°C/+73°C</b>			
<b>Repeatability</b>		<b>0.1% of full scale at +23° C/+73°C</b>			
<b>Mean Temperature Coefficient Of Reading</b>		<b>Better than 0.1% per °C</b>			
<b>Operation Range Temperature Humidity</b>		<b>0°C/+32°F to +50°C/+122°F 10 to 90% RH non condensing</b>			
<b>Environmental Rating</b>		<b>IP67, BS EN 60529, IEC 529</b>			
<b>Protection Levels (IS Models only)</b>		 <b>II 1 G EEx ia IIC T4 Baseefa 03 ATEX 0079</b> <b>(Certification applicable at atmospheric pressure)</b>			
<b>Cennections</b>		<b>1/8 BSP female</b>			
<b>Battery</b>		<b>9v PP3 6F22 - MN1604 UCAR9V</b>			
<b>Battery Life</b>		<b>90 hours (MN1604)</b>			