

# ET-921

## 5psi Pressure Meter



### PRODUCT DESCRIPTION

The **AET-921** manometer offers high accuracy and repeatability. Having a piezoelectric sensor, they offer user selectable measuring units.

They are ideal for applications in industry, laboratories, heating, ventilation and air-conditioning systems, etc. for measuring non-corrosive gauge or differential pressures. All instruments feature over range protection to twice the measuring capacity.

11 selectable units are available on both models including psi, mbar, inH<sub>2</sub>O, kPa, inHg, mmHg, ozin<sup>2</sup>, ftH<sub>2</sub>O, cmH<sub>2</sub>O, kgcm<sup>2</sup> & bar. With a positive and negative input the digital display can show any positive or negative pressure up to capacity or differential pressure.

The 2 barbed lugs are 4.5mmØ ideal for 3.18mmØ tubing. The units also offer data hold to freeze displayed readings, zero offset and data compensation, overload and underload warnings (Err 1 or Err2) Auto power off (user can disable) and a low battery indicator. The unit comes supplied with 2 x 5mmØ x 30mm soft connection tubing, 2 x 5mmØ x 30mm hard connection tubing, 2 x 4.5mmØ metal barbed lugs for tubing, soft carry case and battery.

### FEATURES & BENEFITS

- 11 selectable units: psi, mbar, inH<sub>2</sub>O, kPa, inHg, mmHg, ozin<sup>2</sup>, ftH<sub>2</sub>O, cmH<sub>2</sub>O, kgcm<sup>2</sup> & bar
- Digital display
- positive, negative or differential pressure
- 2 x 4.5mmØ barbed lugs
- Ideal for 3.18mmØ ID tubing
- Min/Max & Average measurements
- Data Hold freezes displayed readings
- 35mm LCD display
- Impact-resistant ABS plastic case
- Zero, offset and data compensation
- Overload and Underload warning
- Auto Power Off
- Low Battery indicator
- Supplied with 2 x 5mmØ x 30mm soft connection tubing, 2 x 5mmØ x 30mm hard connection tubing, 2 x 4.5mmØ metal barbed lugs for tubing, soft carry case and battery

## TECHNICAL SPECIFICATION

	<b>AET-921</b>
<b>psi Range</b>	0 to $\pm 5$
<b>Resolution</b>	0.001
<b>mbar Range</b>	0 to $\pm 344.7$
<b>Resolution</b>	0.1
<b>Accuracy</b>	$\pm 0.3\%$ of full scale at +25°C
<b>Power</b>	1 x 9V PP3 Alkaline Battery ( <b>ALR-61</b> )
<b>Dimensions</b>	155 x 62 x 33mm
<b>Weight</b>	178g