

825-000 Series Digital Manometers

- Eleven selectable measuring units
- High accuracy instruments
- Measures non-corrosive gauge or different air/gas pressure

This microprocessor based pressure meter offers high accuracy and repeatability. The instrument allows the user to select one of 11 measuring units; bar, mbar, psi, kPa, inHg, mmHg, oz/in², inH₂O, cmH₂O, kg/cm² and ft/H₂O. It features over pressure protection to at least twice the measuring capacity. The unit incorporates a manual zeroing, a max/min and average pressure reading function and a LCD backlight.



This easy to use digital pressure meter is ideal for measuring non-corrosive air or gas pressures (for gauge pressure or differential pressure applications). The instrument is housed in a robust ABS case and features a custom LCD display with hold, low battery, max/min/average indication. The pressure meter is powered by a 9 volt PP3 alkaline battery with a minimum life expectancy of 60 hours continuous use and each instrument incorporates an auto-power off facility, turning the instrument off automatically after approximately 20 minutes.

RBS SUPPLEMENT

Each pressure meter is supplied with two 500mm connection hoses. The meters are supplied with metal low pressure barbed connectors.

general specification	
accuracy	±0.3% of full scale @ 25°C
response time	0.5 seconds
operating range	0 to 50°C
battery	9 volt PP3 alkaline
battery life	60 hours
display	custom LCD
dimensions	152 x 55 x 33mm
weight	190 grams



Measuring Unit	825-005 Range	825-005 Resolution	825-030 Range	825-030 Resolution
psi	±5 psi	0.001 psi	± psi	psi
inH ₂ O	±138 inH ₂ O	0.1 inH ₂ O	± inH ₂ O	inH ₂ O
mbar	±344.7 mbar	0.1 mbar	± mbar	mbar
kgcm ²	±0.351 kgcm ²	0.001 kgcm ²	± kgcm ²	kgcm ²
inHg	±1.018 inHg	0.1 inHg		
mmHg	±258.5 mmHg	0.1 mmHg		
max/min pressure	5 psi		30 psi	
part #	4099701		4099703	