

# Manometer

## Economy Series



- Dual & differential inputs
- Measurements in air or non-corrosive and non-ionized gases & liquids
- Integrated sensor
- Single lug for pipe connection
- Push button selectable display units: (mbar, psi, Kg/cm<sup>2</sup>, Thermometer mm Hg, inch Hg, meter H<sub>2</sub>O, inch H<sub>2</sub>O, Atmosphere)
- Auto shut off
- Front panel offset zero button
- Large LCD display with contrast adjustment for best viewing angle
- Records Maximum & Minimum readings, with Recall
- Data Hold function for storing the displayed value
- Built-in low battery indicator

The ML29124 Manometer provides dual or differential pressure measurements displayed in any one of eight units. The ML29124 manometer is intended for measurements in air or non-corrosive and non-ionized gases and liquids.

### SPECIFICATIONS

(23 °C ± 5 °C)

<b>Display</b>	61 mm x 34 mm LCD display (2.4 x 1.3 inch)
	15 mm (0.6) digit size
<b>Display Units</b>	mbar, psi, Kg/cm <sup>2</sup> , mm Hg, inch Hg, meter H <sub>2</sub> O, inch H <sub>2</sub> O, ATM
<b>Sampling Time</b>	Approx. 0.8 seconds
<b>Maximum Measurement Ranges/Resolution/Accuracy</b>	
2000 mbar; 1 mbar	± 2% of full scale
29 psi; 0.02 psi	± 2% of full scale
2.040 Kg/cm <sup>2</sup> ; 0.001 Kg/cm <sup>2</sup>	± 2% of full scale
1500 mm Hg; 1 mm Hg	± 2% of full scale
59.05 inch Hg; 0.05 inch Hg	± 2% of full scale
20.40 meter H <sub>2</sub> O; 0.01 meter HO	± 2% of full scale
802 inch H <sub>2</sub> O; 0.5 inch H <sub>2</sub> O	± 2% of full scale
1.974 Atmosphere; 0.001 Atmosphere	± 2% of full scale
<b>Operating Temperature</b>	0 to 50 °C (32 to 122 °F)
<b>Operating Humidity</b>	Less than 80% R.H
<b>Power Supply</b>	006P DC 9V, MN1604/PP3 battery or equiv. Alkaline or heavy duty type
<b>Power Current</b>	Approx. DC 6.0 mA
<b>Weight</b>	345 g/12.1 oz.
<b>Dimensions</b>	180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch)

Notes: 1. Includes linearity, hysteresis, and repeatability.

Catalog No.	Description
ML29124	Manometer
NISTPR132	NIST Traceable Certificate
NISTPR133	NIST Traceable Certificate with Data
<b>Accessories</b>	
ML29114	Case

## Advanced Digital Manometer

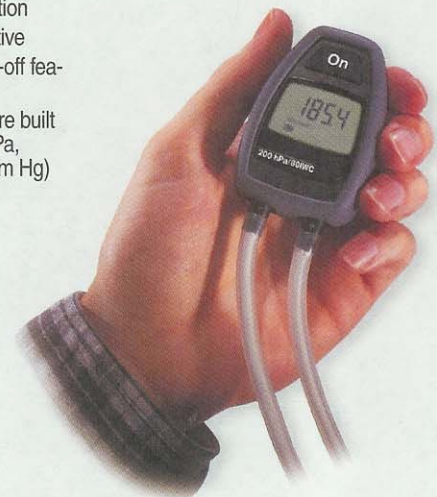
### Compact, Rugged, Accurate (air velocity version available)

This new series of manometers are compact and very easy to operate. Featuring a magnetic backed protective case, your meter is ready for use in the field or lab. A temperature compensated sensor yields accurate readings. Measure pressure drops in duct work, across filters and fans, in buildings (1 Pascal resolution with TT5062) and in combustion chambers or vent systems

### SPECIFICATIONS

Measurement Ranges	
TT5061	-4" to +4" H <sub>2</sub> O (0.01" resolution)
TT5062	-2" to +2" H <sub>2</sub> O (0.001" resolution/ 1 Pa) and 0 to 5,600 fpm air velocity (with optional Pitot tube)
TT5063	-80 to +80" H <sub>2</sub> O (0.1" / 0.01" auto-ranging resolution)
Accuracy	± 0.01" H <sub>2</sub> O
Overload	4 times range
Power/Battery Life	Approx/ 150 hours
Battery	2x CR-2032
Dimensions	3" x 2" x 1"
Weight	3 oz. (exclusive of packaging)
Pressure Ports	Stepped for either 0.2" or 0.32" ID tubing
Warranty	2 years
Operating Temperature	32 to 105 °F
Storage Temperature	-5 to 158 °F

- One Button Operation
- Not position Sensitive
- Power saving auto-off feature
- Six units of measure built in (in. H<sub>2</sub>O, PSI, hPa, mBar, mm H<sub>2</sub>O, mm Hg)



Catalog No.	Description
TT5061	Digital Manometer range ± 4" H <sub>2</sub> O
TT5062	Digital Manometer Anemometer ± 2" H <sub>2</sub> O
TT5063	Auto ranging Digital Manometer ± 80" H <sub>2</sub> O
TT5064	Optional Plated Brass Pitot tube for TT5062
TT5065	Optional Silicon pressure hose 16 feet long
NISTMA07	NIST Traceable Certificate
NISTMA08	NIST Traceable Certificate with Data