

MODEL LDPM | DIGITAL DIFFERENTIAL PRESSURE MANOMETER

FEATURES/BENEFITS

- Provided with carrying case and tubing for ease of use
- Able to store maximum, minimum, and average readings over a period of time
- Auto power off function to conserve battery life
- Instant selection of 11 common English and metric pressure units

APPLICATIONS

- Field calibration of other instruments
- Monitoring or troubleshooting HVAC systems

DESCRIPTION

The **MODEL LDPM** Digital Differential Pressure Manometer is a versatile, handheld, battery operated manometer that can measure up to 55.4 in w.c. (140.6 cm w.c.). It is able to measure either positive, negative, or differential pressure with a $\pm 0.3\%$ FS accuracy. Users can select from 11 common English and metric pressure units.

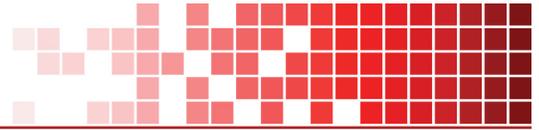
Model LDPM is provided with handheld manometer, tubing, 9 V battery, and carrying case.



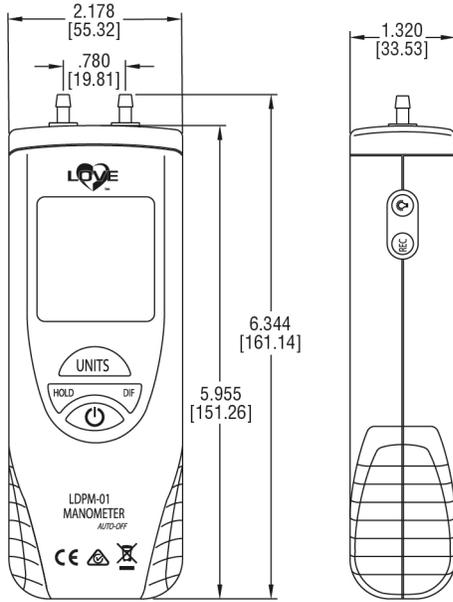
SPECIFICATIONS

Service	Air and non-combustible, non-corrosive gases only.
Wetted Materials	Consult factory.
Accuracy	$\pm 0.3\%$ FS.
Repeatability	$\pm 0.2\%$ FS.
Pressure Hysteresis	$\pm 0.29\%$ FS.
Pressure Limits	10 psi.
Response Time	0.5 s typ.
Temperature Limits	Operating: 32 to 122 °F (0 to 50 °C); Storage: 14 to 140 °F (-1 to 60 °C).
Display	Dual-line backlit LCD.
Resolution	See chart on page 2.
Power Requirements	9 V alkaline battery, included, user replaceable.
Weight	5.82 oz (165 g).
Process Connections	Two barbed connections for use with 1/8" (3.18 mm) or 3/16" (4.76 mm) ID tubing.
Agency Approvals	CE.





DIMENSIONS



RANGE/RESOLUTION

Unit	Range	Resolution
in w.c.	±55.40	0.01
ft w.c.	±4.612	0.001
in Hg	±0.407	0.001
psi	±2.00	0.001
oz/in ²	±32.00	0.01
cm w.c.	±140.6	0.1
mm Hg	±103.4	0.1
bar	±0.137	0.001
mbar	±137.8	0.1
kPa	±13.79	0.01
kg/cm ²	±0.140	0.001

HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code



For NIST calibration, use order code NISTCAL-MD

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