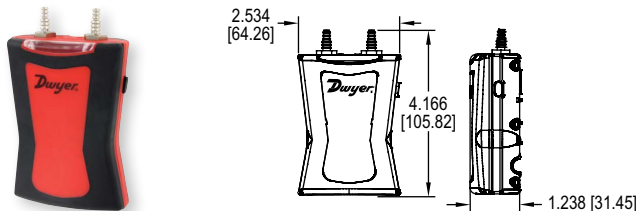


DIFFERENTIAL PRESSURE MANOMETER

Wireless, Measures Differential Pressure, Air Velocity, and Flow

CALIBRATION SERVICES AVAILABLE



The **Series DP3 Wireless Differential Pressure Manometer** is a compact, highly accurate, auto-ranging differential pressure manometer ideal for low flow applications. The Series DP3 is used in conjunction with the Dwyer Mobile Meter® application software to view pressure drop across filters, static pressure in ducts, and velocity pressures from pitot tubes or air flow stations.

BENEFITS/FEATURES

- Auto ranging technology maintains optimal performance down to 0.1 in w.c.
- LED indicator displays manometer status, connection, charging and logging to the user
- Over-the-air updates ensure the manometer has the latest firmware
- Unit can be mounted on both the pitot and velocity grid
- Rechargeable battery allows for a 10 hour battery life
- One button design allows for easy operation and simple logging
- Rugged case allows for a 10' drop without compromising functionality
- Automatically corrects pressure reading depending on the inclination of the manometer

APPLICATIONS

- Building commissioning
- Building HVAC test and balance
- Critical environment testing
- Industrial process verification
- Instrumentation validation

USA: California Proposition 65

WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SPECIFICATIONS

Service: Non-corrosive dry gases.

Wetted Materials: Zinc plated brass; Silicon.

Accuracy: ±0.5% FS span @ 25°C (includes non linearity, hysteresis, and non repeatability).

Pressure Limits: ±10 in w.c. (±2.5 kPa).

Temperature Limits: Operating: -4 to 140°F (-20 to 60°C); Storage: -40 to 185°F (-40 to 85°C).

Power Requirements: 3.7 V lithium ion battery, user rechargeable.

Wireless Distance: 50' (15 m).

Weight: 3.3 oz (93.55 g).

Electrical Connections: Female mini-USB.

Hose Connections: Two barbed connections for use with 1/8" (3.18 mm) or 3/16" (4.76 mm) ID tubing.

Compliance: CE, FCC.

MODEL CHART

Model	Range	Maximum Pressure
DP3	±10 in w.c. (±2.5 kPa)	10 psi (68.9 kPa)

OPTIONS

Model	Description
-NIST	NIST traceable calibration certificate