**DIFFERENTIAL PRESSURE MODULE**

Wireless, Measures Differential Pressure, Air Velocity, and Flow

The Series DP3 Wireless Differential Pressure Module is a compact, highly accurate, auto-ranging differential pressure module 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.

**FEATURES/BENEFITS**
- Auto ranging technology maintains optimal performance down to 0.1˝ H
- Over-the-air updates ensure the module has the latest firmware
- Unit can be mounted on both the pitot and velocity grid
- 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 module

**APPLICATIONS**
- Building commissioning
- Critical environment testing
- Industrial process verification
- Instrumentation validation

USA: California Proposition 65

Δ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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**MOBILE METER® SOFTWARE TEST INSTRUMENT APP**

Works With Most Android® and iOS® Phones/Tablets; Wireless Probes

The Mobile Meter® Software Test Instrument App converts Android® and iOS® based phones and tablets into a multi-function test instrument. Wireless probes connect to the phone or tablet using our mobile gateway, Model UHH-BTG, which utilizes wireless technology from Bluetooth SIG Inc. Parameters from multiple probes can be displayed simultaneously, or a single probes parameters can be displayed as a meter or analog gage.

**FEATURES/BENEFITS**
- Available on Android® and iOS® devices
- Data logging feature records measurements from a single probe and can email reports directly from device
- Display multiple parameters in gage or meter display

**APPLICATIONS**
- Commissioning, testing, adjusting and balancing volumetric air flow in HVAC systems

**OPTIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP3</td>
<td>±10 in w.c. (±2.5 kPa)</td>
</tr>
<tr>
<td></td>
<td>10 psi (68.9 kPa)</td>
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</tbody>
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**TRAVERSEIT™ AIR VELOCITY MEASURING SOFTWARE APPLICATION**

Includes ISO Standard Calculated Flow, Duct Traverse Procedure, Reporting

The TraverseIT™ Air Velocity Measuring Software Application displays air flow measurements from Dwyer’s Series WDPM Wireless Differential Pressure Module or Series AP3 Hot Wire Thermo-Anemometer Probe and guides balancers through the duct traverse process using step-by-step instructions. The traverse process is a method for calculating the maximum airflow in a duct. Several readings are taken across a traverse plane which are converted into velocity, and averaged. The TraverseIT™ app calculates air flow using ISO 3966 and 5801 standards, yielding highly accurate flow readings with each traverse. The application comes factory installed on a Dwyer rugged handheld unit that is included with a variety of balancing instruments or it can be downloaded directly from the Google Play™ store.

**APPLICATIONS**
- Commissioning, testing, adjusting and balancing volumetric air flow in HVAC systems

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**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).
- Hose Connections: Two barbed connections for use with 1/8˝ (3.18 mm) or 3/16˝ (4.76 mm) ID tubing.
- Approvals: CE, FCC.