The Model 160GW Averaging Air Flow Grid is a wireless sensing instrument used to measure face air velocity on grills, diffusers, registers, exhaust hoods, coils, filters, dampers and similar restrictions. With its 16 sensing points, the 160GW Air Flow Grid provides an average flow sensing area across its 16.5” length and width. Paired with Dwyer’s universal handheld and UHH gateway, live velocity readings are displayed in the Mobile Meter® Application. The readings can be stored and shared via email for later reporting. Its lightweight design allows end users to hold the instrument for longer periods of time without stress on body joints. The thicker pole allows a firmer grip which promotes consistent readings. The 160GW comes standard with an extendable pole offering a maximum reach of approximately 48”. The ball pivot joint and tightening nut allows the user to position the sensing grid at any angle in any direction for ease of use in hard to reach locations. It can be stored in the separate UHH-C2 hard carrying case with foam cut-outs perfectly sized for the 160GW, as well as various other instruments in the AQTIAP Air Quality Test Instruments line.

**FEATURES/BENEFITS**
- Compatible with Dwyer’s Mobile Meter® App
- Bluetooth Gateway allows for up to 10 probes for simultaneous readings
- Lightweight design allows longer periods of use
- Stable 50’ (15 m) wireless range
- 16 sensing points provide an accurate average flow

**APPLICATIONS**
- Building commissioning
- Building HVAC test and balance
- Measure face air velocity on grills, diffusers, registers, exhaust hoods

**SPECIFICATIONS**
- **Service:** Air or compatible gases.
- **Wetted Materials:** Grid: Black polycarbonate; Ball pivot joint: AL, plastic; Handle: Aluminum; Standoffs: Aluminum with rubber bumpers, two sets: 1.25” (31.7 mm) and 2” (50.8 mm), 1/8” ID / 1/4” OD; Tubing: Two 3” (76.2 mm) lengths of silicone rubber.
- **Accuracy:** ±0.5% FS span @ 25°C (includes non linearity, hysteresis, and non repeatability).
- **Pressure Limit:** ±2 in w.c. (±500 Pa).
- **Compensated Temperature Limits:** 32 to 140°F (0 to 60°C).
- **Process Temperature Limits:** Ambient, 14 to 140°F (-10 to 60°C).
- **Grid K Factor:** 0.84.
- **Grid Range:** 0 to 5000 FPM (0 to 25 m/s).
- **Process Connection:** 1/8 to 1/4” ID tubing.
- **Weight:** 1.75 lb (0.79 kg).
- **Agency Approvals:** RoHS.

**MODEL CHART**

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<th>Model</th>
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<td>160GW-002</td>
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**ACCESSORIES**

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