

# DIFFERENTIAL PRESSURE MODULES

Wireless, Measures Differential Pressure, Air Velocity, & Flow



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**SERIES WDPM** Wireless Differential Pressure Modules for use with the Model UHH handheld meter and the Mobile Meter<sup>®</sup> Software Test Instrument Mobile App.

MODEL CHART		
Model	Range	Maximum Pressure
WDPM-002	±2 in w.c. (±500 Pa)	10 psi (68.9 kPa)
WDPM-005	±5 in w.c. (±1250 Pa)	10 psi (68.9 kPa)
WDPM-010	±10 in w.c. (±2.5 kPa)	10 psi (68.9 kPa)
WDPM-020	±20 in w.c. (±5 kPa)	20 psi (137.9 kPa)
WDPM-030	±30 in w.c. (±7.5 kPa)	20 psi (137.9 kPa)
WDPM-100	±100 in w.c. (±25 kPa)	15 psi (103.4 kPa)
WDPM-200	±200 in w.c. (±50 kPa)	45 psi (310.3 kPa)
WDPM-350	±350 in w.c. (±87 kPa)	45 psi (310.3 kPa)

ACCESSORY	
Model	Description
A-WDPM-BRK	Differential pressure mounting bracket

## SPECIFICATIONS

**Service:** Non-corrosive dry gases.

**Wetted Materials:** Consult factory.

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

**Pressure Limits:** See Table 1.

**Engineering Units:** Pressure: in w.c., ft w.c., in Hg, psi, OzSI, mm w.c., cm w.c., mBar, Pa, hPa, and kPa; Velocity: fpm, mph, kn, m/s, m/h, k/h, and fps; Flow: cfm, gpm, gph, gpd, m<sup>3</sup>/s, m<sup>3</sup>/h, lps, lpm, and lph.

**Temperature Limits:** Compensated: 32 to 140°F (0 to 60°C); Process/ambient: 14 to 140°F (-10 to 60°C).

**Thermal Effects:** ±0.01% FS/°F (±0.02% FS/°C).

**Battery Charging Limits:** 32 to 113°F (0 to 45°C).

**Power Requirements:** 3.7 V YT562447 lithium ion battery, installed functionally, user replaceable.

**Wireless Distance:** At least 50' (15 m).

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

**Weight:** 2.5 oz (70.87 g).

**Agency Approvals:** CE with CE approved charger, FCC.