The Dwyer® Series 475-FM Mark III handheld digital manometer is ideal for field calibration, monitoring or troubleshooting HVAC systems, clean rooms, or a wide range of other low pressure pneumatic systems. This handy instrument measures positive, negative, or differential pressures of air and natural gases in ranges from 1 in w.c. (0.249 kPa) to 150 psid (10.34 bar). The Series 475-FM is approved and is intrinsically safe for hazardous locations, Class 1, Div. 1, Group A, B, C, D, T4. Its simple operation and easy to read digital display make it an indispensable test instrument for the plant engineer, industrial hygienist and HVAC technician. When used with a Dwyer® Pitot tube (see Flow and Air Velocity), the Series 475-FM Mark III can also be used as an air velocity gage. See page 587 for process tubing options.

FEATURES
- New low range option 0-1.000 in w.c.
- Measures positive, negative and differential pressures
- Rugged, extruded aluminum case
- Measures positive, negative and differential pressures
- Lightweight, fast and easy to use
- Selectable English/metric units
- FM approved

SPECIFICATIONS
- Service: Air and compatible combustible gases.
- Wetted Materials: Consult factory.
- Accuracy: ±0.5% FS, 60 to 78°F (15.6 to 25.6°C); ±1.5% FS from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C).
- Pressure Hysteresis: ±0.1% of full-scale.
- Pressure Limits: See chart.
- Temperature Limits: 0 to 140°F (-17.8 to 60°C).
- Compensated Temperature Limits: 32 to 104°F (0 to 40°C).
- Storage Temperature Limits: -4 to 176°F (-20 to 80°C).
- Display: 0.42˝ LCD display is easy to read, minimizing data collection errors. Units include a "low battery" indicator. The pressure sensor used is a highly stable silicon piezoresistive device.
- Weight: 10.8 oz (306 g).
- Connections: Two barbed connections for use with 1/8˝ (3.18 mm) ID x 1/4˝ OD tubing. Two compression fittings for use with 1/8˝ (3.18 mm) ID x 1/4˝ OD tubing.
- Agency Approvals: CE, FM.

OPTION
For NIST traceable calibration certificate, add suffix -NIST to model numbers. Example: 475-1-FM-NIST.

**OPTION**

**Example:** 475-1-FM-NIST.

**ACCESSORIES**

**A-402A CARRYING CASE** — Tough gray nylon pouch protects any Series 475 Manometer. Double zipped for quick and easy access. With belt loop that snaps closed.

7-1/2˝H x 3˝W x 2-1/4˝D (191 x 76 x 57 mm)

**UHH-C1, Soft carrying case**

See page 587 for process tubing options.