Series 477 Handheld Digital Manometers are packed with features you need to make pressure measurement and recording faster, easier and more accurate than ever. First, you can instantly select from up to nine of the most widely used pressure units without having to waste time and risk mistakes with tedious conversions. Next, a non-volatile memory function enables storage of up to 40 readings – perfect for HVAC technicians making Pitot tube traverses of airflow readings across a duct. The FM approved models are intrinsically safe for hazardous locations, Class 1, Div. 1, Group A, B, C, D, T4.

USB models include a software CD and cable. Change “FM” to “USB”. Example: 477-2-FM becomes 477-2-USB.

New low pressure ranges

• Operates up to 100 Hours on a Single 9 volt battery
• Large easy-to-read 0.4˝ LCD display includes switchable backlight for quick and easy access. With belt loop that snaps closed.
• Measure positive, negative or differential pressures
• Stores 40 readings in memory for later reference
• Instant selection from up to nine english/metric units
• USB option comes with cable and software for easy data downloading
• New low pressure ranges

A-402A Carrying Case — Tough gray nylon pouch protects any Series 477 Manometer. Double zippered for great visibility — anywhere

Series 477 Handheld Digital Manometers
Selectable Pressure Units, ± 0.5% Accuracy, FM Approved Intrinsically Safe for Hazardous Locations, Class 1, Div. 1, Group A, B, C, D, T4

SPECIFICATIONS
Service: Air and compatible gases. FM models air and compatible combustible gases.
Wetted Materials: Consult factory.
Accuracy: ±0.5% F.S., 60 to 78°F (15.6 to 25.6°C); ±1.5% F.S. 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” (10.6 mm) 4 digit LCD.
Response Time: 1 seconds.
Resolution: See chart.
Power Requirements: 9 volt alkaline battery. Battery included but not connected.
Weight: 10.2 oz (289 g).
Connections: Two barbed connections for use with 1/8” (3.18 mm) or 3/16” (4.76 mm) I.D. tubing. Two compression fittings for use with 1/8” (3.18 mm) I.D. x 1/4” (6.35 mm) O.D. tubing for 477-7-FM & 477-8-FM only.
Agency Approvals: CE and FM, USB models are not FM approved Intrinsically safe.

FEATURES
• Low price pressure manometers
• USB option comes with cable and software for easy data downloading
• Instant selection from up to nine english/metric units
• Stores 40 readings in memory for later reference
• Measure positive, negative or differential pressures
• Large easy-to-read 0.4” LCD display includes switchable backlight for great visibility — anywhere
• Both audible and visual overpressure alarms
• Includes + and - indicators plus low battery warning
• Operates up to 100 Hours on a Single 9 volt battery