

# FIELD Environmental Instruments

Equipment Rental and Field Supplies

DWYER

Series 477 Digital Manometer

*"Your Needs Are Our Business"*

Toll-Free  
800-393-4009



Series 477 Handheld Digital Manometers are packed with features you need to make low 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 20 readings - perfect for HVAC technicians making Pitot tube traverses of airflow readings across a duct. The Series 477 is FM approved intrinsically safe for hazardous locations, Class 1, Div. 1, Group A, B, C, D, T4.

When working in poorly lighted areas, just switch on the handy backlight feature. It automatically shuts itself off after 2 minutes to minimize battery drain. Electronic zeroing means you simply touch a single key to perfectly null out any minor pressure differences. A display HOLD key freezes the current pressure for those all-too-common situations where readings fluctuate. We even included an audible alarm to warn you of overpressure plus a visual alarm also confirms a value has been stored, eliminating the need to observe display during a duct traverse

## SPECIFICATIONS

Accuracy	$\pm 0.5\%$ of full scale from 60 to 78°F (15 to 25°C); $\pm 1\%$ of full scale from 32 to 60, 78 to 104°F (0 to 15, 25 to 40°C)
Storage Temperature	-4 to 176°F (-20 to 80°C)
Pressure Hysteresis	$\pm 0.1\%$ of full scale
Pressure Connections:	Low Pressure Units: 1/8" or 3/16" ID Tubing High Pressure Units: Compression Nuts
Power	9V Alkaline Battery (Included)
Battery Life	Up to 100 Hours (Less when back light is used)
Display	0.4" LCD with back light
Size	166 x 71 x 23mm
Weight	340g

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