

# TOOLS & TEST EQUIPMENT

199.9

## DWYER HANDHELD DIGITAL MANOMETER 475-FM SERIES

**Dwyer**



### DESCRIPTION

The **Dwyer 475-FM Series** Mark III handheld digital manometer is ideal for field-calibrating, monitoring, or troubleshooting HVAC systems, clean rooms, and a wide range of other low-pressure applications. This handy instrument measures positive, negative, or differential pressures of air and natural gases. The **475-FM Series** is approved and intrinsically safe for hazardous locations, Class 1, Division 1, Groups A, B, C, D, and T4.

### FEATURES

- Measures positive, negative or differential pressure
- Handheld and battery powered
- Intrinsically safe for hazardous locations



475-1-FM-1



AV Kit

### SPECIFICATIONS

<b>Supply Voltage</b>	9V alkaline battery	<b>Air Velocity kit</b>	Air velocity kit includes the 475-FM Manometer, (2) A303 Static Pressure tips, (2) 9' lengths of 3/16" ID rubber tubing, (1) 166-6-CF Pitot Tube, (1) A-397 Step Drill bit, A532 Air Velocity slide chart, Instructions, and a molded plastic Carrying Case. Air velocity kit includes the 475-FM manometer, (2) static pressure tips, (2) 9' lengths of 3/16" ID rubber tubing, (1) 166-6-CF pitot tube, (1) A-397 step drill bit, air velocity slide chart, instructions, and a molded plastic carrying case
<b>Battery</b>	Life Up to 100 hours	<b>Operating Temperature</b>	32° to 104°F (0° to 40°C)
<b>Accuracy</b>	±0.5% FS, 60° to 78°F (15.6° to 25.6°C); ±1.5% FS from 32° to 60°F (0° to 15.6°C) and 78° to 104°F (25.6° to 40°C)	<b>Dimensions</b>	6.6" x 2.8" x 0.9" (14.7 x 7.1 x 2.3 cm)
<b>Pressure Range</b>		<b>Weight</b>	
<b>475-000-FM</b>	0-1.00" W.C. (0-0.249 kPa)/ 5 psig (35 kPa) maximum	<b>Kit</b>	0.6 lb (0.27 kg)
<b>475-0-FM-AV</b>	0-10.00" W.C. (0-2.49 kPa)/5 psig (35 kPa) maximum	<b>Kit</b>	0.6 lb (0.27 kg)
<b>475-00-FM-AV</b>	0-4.00" W.C. (0-0.995 kPa)/5 psig (35 kPa) maximum	<b>Approvals</b>	FM, CE
<b>475-0-FM</b>	0-10.00" W.C. (0-2.49 kPa)/5 psig (35 kPa) maximum	<b>Warranty</b>	1 year
<b>475-1-FM</b>	0-19.99" W.C. (0-4.97 kPa)/10 psig (69 kPa) maximum		
<b>Device Type</b>	Service of Air and some combustible gases		
<b>Connection Type</b>	Two barbed for use with 1/8" (3.18 mm) or 3/16" (4.76 mm) ID tubing		
<b>Display</b>	0.42" liquid crystal, 4 digits		

### ORDERING INFORMATION

MODEL	DESCRIPTION
<b>475-0-FM</b>	Handheld digital manometer, 0-10" W.C.
<b>475-0-FM-AV</b>	Handheld digital manometer, 0-10" W.C. with air velocity kit
<b>475-00-FM</b>	Handheld digital manometer, 0-4" W.C.
<b>475-00-FM-AV</b>	Handheld digital manometer, 0-4" W.C. with air velocity kit
<b>475-000-FM</b>	Handheld digital manometer, 0-1" W.C.
<b>475-000-FM-AV</b>	Handheld digital manometer, 0-1" W.C. with air velocity kit
<b>475-1-FM</b>	Handheld digital manometer, 0-19.99" W.C.