



DIGITAL MANOMETER FOR U/G VENTILATION PRESSURE SURVEY (USA make handheld FM approved)

Features

- ◆ Low Pressure Range.
- ◆ 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 10 mm LCD Display.
- ◆ Switchable Backlight for Great Visibility – Anywhere.
- ◆ Includes + and – Indicators plus Low Battery Warning.
- ◆ Operates up to 100 hours on a single Battery.
- ◆ The FM approved models are 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 back-light features. It automatically shuts itself off after 20 minutes to minimize battery drain.
- ◆ Electronic zeroing means you simply touch a single key to perfectly null out any minor pressure differences HOLD key freezes the current pressure for those all too common situations where readings fluctuate.

Available Pressure Units										
Model Number	Range	psi	in Hg	kPa	in w. c.	mm hg.	mbar	mm w.c.	Pa	Maximum Pressure
477-000-FM	0-1.000 in w.c.		.0736	.2491	1.000	1.868	2.491	25.40	249.1	5 psig
477-00-FM	0-4.000 in w.c.	.1445	.2942	0.996	4.000	7.473	9.96	101.6	996	5 psig
477-0-FM	0-10.00 in w.c.	.3613	.7355	2.491	10.00	18.66	24.91	254.0	2491	5 psig

Specifications

Accuracy : $\pm 0.1^\circ$ of full scale from 15 to 25°C and $\pm 1.5^\circ$ full scale from 0 to 15°C & 25-40°C

Display : 10 mm 4 digit LCD

Power Requirements : 9 volt alkaline battery. Battery included but not connected.

Weight : (10.289 gm)

Connections : Two barbed connections for use with 3.2 mm 4.75 mm I.D. tubing. Two compression fittings for use with 3.2 mm I.D. X 6.35 mm O.D. tubing for 477-7-FM & 477-8 FM only

A-402A Carrying Case : Tough gray nylon pouch protects any Series 477 Manometer. Double zippered for quick and easy access. With belt loop that snaps closed. (191 x 76 x 57mm)

It is light weight and ideal for underground. Ventilation survey Up to 40 reading can be stored.

Two models one 0 - 25mm water gauge & another 0 - 250mm water gauge will cover all the situations required for ventilation survey.

Procedure : Connect two tubes (one meter & another 100 m long) to two ports Unlay the longer tube to inbye. Read & record the pressure difference diff.

Pilot tube traverses of airflow readings across gallery. Digital Manometers is FM approved. When working in poorly lighted areas, just switch on the handy back-light feature.



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