



PORTABLE MANOMETER

'Micon' Precision Manometer comprises of a single precise swiveling limb. It can be swiveled in 4 positions – 1 in 20, 1 in 10, 1 in 5 & vertical.

SPECIFICATIONS:

Range : 0-125/250/500/2500 Pascal's (N/m²)
0-12.5/25/50/250 mm Wg
Velocity Range: 0-14.2, 0-28 m/sec
Max. Error : ± 1%

CONNECTION TUBING:

Flexible PVC connecting tubing, each of 9m lengths has been provided. Extra length available on request and cost.

MANOMETER FLUID:

A bottle of Manometer fluid with the density labeled on it and a funnel for topping up the reservoir fluid

CONVERSION SCALE:

A table showing the conversion of Wg into Pascal's will be supplied.

LEVELLING ARRANGMENTS:

Leveling arrangements is accurately and conveniently done by means of screw-threaded feet in conjunction with two sensitive spirit levels.

PORTABILITY AND STORAGE:

The equipment is housed in a teakwood casing. All the accessories can be stored behind the main panel when not in use.

OPERATIONS:

The manometer may be used in a No. of alternative positions. To move from one position to another, lift tube slightly forward and move into the desired location. After repositioning the limb reset zero by rotating the knob. Don't force beyond the level of travel.

FLUID LEVEL ZEROING:

This is achieved quickly and effectively by rotating a knob.

PITOT STATIC TUBE:

Standard Equipment for measurement of velocity of Air, 483mm long Pitot tube will be supplied along with Manometer.

PRESSURE CONVERSIONS:

250 Pascal's = 250N/m² = 2.5m bar = 25.5 mm H₂O = 25.5 Kg/mm² = 1.004Wg = 0.0361lb/in²



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