



Dead Weight Vacuum Gauge Tester - PDT 55



It is used for calibration of vacuum gauges and other sensing, transmitting and recording vacuum instrument. The 'PRESTO' Vacuum Gauge Tester is a quick and convenient method of calibration free from the disadvantages of using the fragile mercury manometer.

The main components of the tester are :

SCREW PUMP to generate the vacuum in the tester conveniently and precisely. It is of adequate capacity and is operated by turning the spoked handle.

FREE PISTON Assembly of special steel, hardened, tempered ground and lapped to accurate size and very fine surface finish to provide true floating action. The free piston is suspended vertically downward from a rigid frame and is connected by a pipe to the screw pump. A CARRIER weight is attached to the free piston for taking more weights.

VALVE is provided to connect the circuit to the atmosphere and thus check zero of the gauge.

GAUGE CONNECTOR of 1/2" BSP (female) union for connecting gauge to be tested. Other sizes of gauges can be connected by using adaptors.

SET OF WEIGHTS directly marked in convenient values of vacuum and easily stacked on the CARRIER weight. It is available in either / and kgf / cm² , mmHg, in Hg units. Storage box is provided.

BASEPLATE of sturdy construction provided with legs and levelling screws.



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MINIMUM VACUUM	SMALLEST STEP	MAXIMUM VACUUM	UNIT
0.1	0.02	0.96	kgf / cm ²
50	10	710	mmHg
2	0.5	28	inHg

FIELDS OF APPLICATION:

- » Automobile Industry
- » Breweries & Distilleries
- » Textile Industry
- » Pipe Manufacturers
- » Pipeline Contractors
- » Metals Industry
- » Cement Industry
- » Electronics Industry
- » Paper Industry
- » Engineering Industry
- » Food & Drug Industry
- » Chemicals & Fertilizer Industry
- » Glass Industry
- » Industrial & Medical Gases
- » Sugar Industry
- » Gas & LPG Cylinders
- » Petroleum & Petrochemical Industry
- » Airlines
- » Railways
- » Defence Organisation
- » Engg. Colleges & Training Institutes
- » Ceramic Industry
- » Thermal Power Stations
- » Hydro-Electric Power Generation

STANDARD ACCESSORIES:

- » Storage Box for Weights
- » Set of Spare Seals
- » Dust Cover
- » Instruction Manual
- » Tin of Oil (1/2 L)
- » Adaptors : M20 x 1.5, 1/4" BSP & 3/8" BSP
- » Standard Tool Kit including Spanners, Allen Key, Screw Driver, Spirit Level

MATERIAL OF CONSTRUCTION

- » Piston : HCHCr
- » Cylinder : HCHCr
- » Base Instrument : MS Painted
- » Pipelines : Stainless Steel
- » Weights : Stainless Steel / MS Phosphated Black

OPTIONAL ACCESSORIES

- » Adaptors 1/8", 1/4", 3/8", 1/2" NPT
- » Angle Connection (1/2" M x 1/2" F BSP)
- » Pointer Puller & Pointer Punch

CALIBRATION / TRACEABILITY

The calibration is done against Test Gauges certified by National Physical Laboratory, New Delhi and our Test Certificate shall give the comparative results against them.

Thank you customers for choosing us as your partners in growth !



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