



The Vane Pump Test Rig System (52337) outlines the basics of the operations and principle of working of Vane Pump.

Features

- Compact Ergonomic Design.
- User Friendly, Self Explanatory Systems.
- Leak proof Safety Measures, sturdy piping & Robust Construction.
- Training Manuals mimic Charts for Operation Ease.
- System Frame with Caster Wheel Arrangement for ease in movement.
- M.S. fabricated powder coated with necessary fittings, couplings and hydraulic mountings.
- Inbuilt Safety Measures to avoid improper usage.
- The self-contained unit.
- Optional components are available to allow fault operation and diagnosis training.

- Caster wheel mounted movable frame

Experiments

- Study of characteristics of Vane pump

Services Required

- 1 ϕ Electric Supply of 230 VAC, 50Hz

System Dimensions- 2.75 Ft. (L) X 1.75Ft. (W) X 4.75 Ft (H)

Weight: Approx. 77Kgs

Technical Specification

No.	Item Name	Technical Specifications
1	Vane Pump	Mounting: Foot Mounting, Suction Conn: 1", Discharge Conn: 1/2", Shaft Speed, Range: 750-1800 rpm, Maximum O/P Pressure: 125 kgf/cm ² , 3-6 LPM
2	Oil Reservoir	Dimensions: 1"×1"×1", with Oil Indicator
3	Pressure Gauge	Range: 0-160 kg/cm ²
4	Vacuum Gauge	Range: -760-0 mmHg
5	Rotameter	0-10 LPM
6	Energy Meter	Input Supply 415 V, 3 ϕ AC.
7	Electrical control Panel	MS Powder Coated Oil Tank, Capacity: 20 Liters. With Oil Level Indicator, Oil filter & suction Strainer, Breather, Vane Pump, 1 ϕ , 1/2"HP, 230 AC Electric Motor with DP Switch.

Note: Specifications are subject to change.

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