

SAP E& VANE PUMP TEST RIG (SAP – 55D)



INTRODUCTION:

The Vane pump test rig system outlines the basics of the operations and principle of working of Vane Pump.



SYSTEM COMPONENTS:

- ❖ Vane Pump:- Mounting: Foot Mounting, Suction Conn: 1", Discharge Conn: ½", Shaft Speed Range: 750-1800 rpm, Maximum O/P Pressure: 125 kgf/cm²
- ❖ Oil Reservoir:- Dimensions: 1"×1"×1", with Oil Indicator.
- ❖ Pressure Gauge:- Range: 0-160 kg/cm²
- ❖ Vacuum Gauge:- Range: -760-0 mmHg
- ❖ Rotameter:- 0-10 LPM
- ❖ Energy Meter:- Input Supply 415 V, 3Ø AC.
- ❖ Electrical control Panel

FEATURES:

- ❖ The self-contained unit.
- ❖ Modern industrial components are used for operating.
- ❖ Comprehensive training manual supplied.
- ❖ Optional components are available to allow fault operation and diagnosis training.

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INSTRUCTION MANUAL:

Self explanatory operation manuals are provided with each system. Detailed theories as well as practical Exercises are also included in the manual.

OBJECTIVES:

1. Study of characteristics of Vane pump.

SERVICES REQUIRED:

Single-phase electrical supply of 230V AC 50Hz.

System Dimensions: 2.5 Ft. (L) X 2Ft. ((W) X 3.5 Ft (H)

Note:

All descriptive matter and illustrations are intended to give only a general idea of the equipment. Detailed specifications may be altered at the company's discretion without any notice

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