

## SAP E& GEAR PUMP TEST RIG (SAP – 55C)



### INTRODUCTION:

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



### SYSTEM COMPONENTS:

- ❖ Gear Pump:- Mounting: Foot Mounting, Suction Con: ½”, Discharge Conn: ½”, Maximum O/P Pressure: 3000psi, Speed Range: 500-4000 rpm.
- ❖ Oil Reservoir: - Dimensions: 1”×1”×1”, with Oil Indicator.
- ❖ Pressure Gauge:- Range: 0-160 kg/cm<sup>2</sup>
- ❖ 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.

For More Details Visit Our Website At: [www.sapengineers.com](http://www.sapengineers.com), E-mail:- [pravinsdeode@vsnl.net](mailto:pravinsdeode@vsnl.net)  
SAP Engineers & Consultants, Kothrud, Pune-411 038. Ph-(020)25384737

## INSTRUCTION MANUAL:

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

## OBJECTIVES:

1. Study of characteristics of Gear 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

<b>Manufactured / Marketed by</b>	
<b>SAP ENGINEERS AND CONSULTANTS</b>	
<b>Regd. Off.</b>	: Shop No. 26, 27 Srushti, S. No. 82/11+12++33+34, Eklavya Clg Rd (D. P. Road), Kothrud, Pune- 38
<b>Telephone</b>	: (020) 25384737
<b>Mobile</b>	: (+91) 9422088946, 9552475082
<b>Fax</b>	: (020) 25383544
<b>Email</b>	: <a href="mailto:pravinsdeode@vsnl.net">pravinsdeode@vsnl.net</a>
<b>Website</b>	: <a href="http://www.sapengineers.com">www.sapengineers.com</a> / <a href="http://www.sapengineers.co.in">www.sapengineers.co.in</a>

