

**SAP E & C GEAR PUMP TEST RIG**  
(PRODUCT CODE: SAP –55C)



**GEAR PUMP TEST RIG (SAP – 55C)**

The **Gear Pump Test Rig System (SAP – 55C)** outlines the basics of the operations and principle of working of Gear Pump

**Technical Specification:-**

No.	Item Name	Technical Specifications
1	<b>Gear Pump-</b>	Mounting: Foot Mounting, Suction Con: ½", Discharge Conn: ½", Maximum O/P Pressure: 3000psi, Speed Range: 500-4000 rpm, 3-6 LPM.
2	<b>Oil Reservoir-</b>	Dimensions: 1"×1"×1", with Oil Indicator
3	<b>Pressure Gauge-</b>	Range: 0-160 kg/cm <sup>2</sup>
4	<b>Vacuum Gauge-</b>	Range: -760-0 mmHg
5	<b>Rotameter-</b>	0-10 LPM
6	<b>Energy Meter-</b>	Input Supply: 415 V, 3Ø AC
7	<b>Electrical control Panel</b>	

**Features-**

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Leak proof Safety Measures, & Robust Construction.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Training Manuals & mimic Charts for Operation Ease.
- ❖ M.S. powder coated panel with standard Instrument Mountings.
- ❖ Inbuilt Safety Measures to avoid improper usage.
- ❖ Comprehensive training manual supplied.
- ❖ Caster wheel mounted movable frame

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**Instruction Manual-**

- ❖ Self explanatory.
- ❖ Operation manual will be provided with system.
- ❖ The detailed theories as well as practical exercises are included in the manual.

**Objectives-**

- ❖ Study of working of Two Stage Air compressor.
- ❖ Study of calculation of efficiency of compressor.

**Services Required-**

- ❖ 1 $\phi$  Electric Supply of 230 VAC, 50Hz
- ❖ 3 $\phi$  Electric Supply of 440 VAC, 50Hz

**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.

Manufactured/Marketed By

**SAP ENGINEERS & CONSULTANTS**



Regd. Off. : Shop No. 26-27, 'Srushti', Survey No.82, Near Guru Ganesh Nagar,  
Eklavya College Road (D.P.Road), Kothrud, Pune - 411 038, India

Telephone : (020) 2538 4737

Mobile : +91 94220 88946, +91 9552475082

Fax : (020) 2538 3544

Email : [sales@sapengineers.com](mailto:sales@sapengineers.com)

Website : [www.sapengineers.com](http://www.sapengineers.com) / [www.sapengineers.co.in](http://www.sapengineers.co.in)