

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



The **Reciprocating Pump Test Rig System (SAP – 75)** outlines the basics of the operations and principle of working.

RECIPROCATING PUMP TEST RIG (SAP – 55B)

Technical Specification:-

No.	Item Name	Technical Specifications
1	Motor-	DC Motor or AC Motor 1 HP 3 Phase 230V AC/415V AC Induction Motor , 1440RPM
2	Sump tank-	2.5' (L) X 2' (W) X2' (H)
3	Rotameter-	250 to 2500 LPH, , Glass tube type/acrylic body , Bob Material: SS 304 Connection: 1" , Mounting: Inlet Bottom- Outlet Top
4	Pressure gauge-	i] Suction Pressure: (Vacuum Gauge)-760 to 0mmHg ii] Discharge Pressure: 0to4 Kg/cm ²
5	Drive-	DC Drive: with Pot. / Speed Controller to vary speed of DC Motor / AC Drive to operate AC Motor with Input: Single Phase 230V AC Output: Three Phase 230V AC, with Potentiometer to vary speed/frequency
6	Energy Meter/ Wattmeter-	Single phase
7	Pump (Reciprocating- Positive displacement - 0.75 / 1 HP).	

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.
- ❖ Caster wheel mounted movable frame

SAP E & C RECIPROCATING PUMP TEST RIG
(PRODUCT CODE: SAP –55B)



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 characteristics of reciprocating pump.
- ❖ Study of testing efficiency of various positive displacement pumps

Services Required-

- ❖ 1 ϕ Electric Supply of 230 VAC, 50Hz
- ❖ Space required: Approx. 1mtr (L) X 1mtr (W)

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
Website	: www.sapengineers.com / www.sapengineers.co.in