



The Reciprocating Pump Test Rig System (52334) outlines the basics of the operations and principle of working.

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

Experiments

- 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)

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: 0 to 4 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).

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tescaglobal.com