

Reciprocating Pump Test Rig (With Three Prefixed Speeds)



Product Categories: [Engineering Equipment](#), [Hydraulic Lab](#)

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Product Description

Reciprocating Pump Test Rig (With Three Prefixed Speeds)

DESCRIPTION

The present Reciprocating Pump Test Rig is a self-contained unit operated on closed circuit basis containing a sump tank. The set-up consists of a Double acting, Single Cylinder Reciprocating Pump coupled with a AC Motor. Flow of water is measured by using measuring tank and stopwatch. Vacuum gauge is fitted on suction line and Pressure gauge is fitted on delivery line to measure the pressure.

TECHNICAL DETAILS

Pump: Double acting, Single Cylinder, Capacity 1 HP Speed 250 RPM (max.) and Head 5 kg/cm² (max.)

Medium Flow : Clear Water

Drive: 1HP Crompton make motor having Step Cone Pulley for Three different speeds.

Sump Tank: Material Stainless Steel, Capacity 65 Ltrs.

Flow Measurement : Using Measuring Tank (made of stainless steel & Cap. 40 Ltrs.) and Electronic Stop Watch

Pressure Gauge: Bourdon type.

Control Panel Comprises of Energy Measurement: Electronic Energy meter, L & T make.

MCB: For overload protection.

Standard make On/Off Switch, Mains Indicator, etc.

Instruction Manual : An ENGLISH instruction manual will be provided along with the Apparatus

Tanks will be made of Stainless Steel.

The whole set-up is well designed and arranged in a good quality painted structure.