

## RECIPROCATING PUMP TEST RIG MAKE – LABTEK, ORIGIN – INDIA



**PRINCIPLE:** Reciprocating pump operates on the principle of pushing of liquid by a piston that executes a reciprocating motion in a closed fitting cylinder.

Components of reciprocating pumps:-

- a) Piston or plunger: - a piston or plunger that reciprocates in a closely fitted cylinder.
- b) Crank and Connecting rod: - crank and connecting rod mechanism operated by a power source. Power source gives rotary motion to crank. With the help of connecting rod we translate reciprocating motion to piston in the cylinder.