



With Improved and Novel Pump - for easy and effortless pumping, the pump becomes more and more light as the load increases.

For determination of compressive strength of cement by testing concrete cylinders, cubes. The machine works on hydraulic pressure gauge marked in 10 KN division and is fitted with maximum red pointer, in addition to the live pointer. The machines are nicely painted in hammerstone gray. Complete with pressure gauge duly calibrated.

Salient Features

- High Stability
- Self-aligning platen assembly.
- Gauges are calibrated in Kilo Newton against certified Proving Rings.
- Suitable for testing cubes of various sizes
- Using special platens, bricks also can be tested.(Extra cost)
- Hydraulic Piston hard chrome plated.
- General Specifications

Loading Unit

The loading unit consists of a cross-head and base with solid channel supports connecting the base and cross-head firmly. The Hydraulic jack is fixed to the base. The platen of the machine are hardened ground and polished The upper platen is provided with self-aligning action. To facilitate testing of various size specimens, spacer block provided.

Pumping Unit

The hydraulic pumping unit is Manually Operated. Made of POLYHYDRON make. The load is measured on Bourdon tube type pressure gauge which is calibrated against certified proving rings. The pressure gauge is fitted maximum load pointer.

Note: Specifications are subject to change.

Technical Specification	
Pumping	Hand operation
Pump Speed	Manual
Motor	No
Reading	Analog
Least count	0.5% of full load
Accuracy	± 2%
Release valve operation	Required
Auto stop after failure of specimen	Not available, need to stop the hand pumping
Auto Release of Pressure after specimen failure	Not Available, Need to release pressure manually after the completion of test
Calculation of result	Manual
Holding of Max.Load	Available
Pace Rate or Rate of Loading indication	Not Available
Operator skill to control Pace Rate	Not Applicable
Bar Graph	Not Available
Multi Channel operation	Not Available
Load indication and Control	Manual
Saving of records	Not Available
Pen drive slot	Not Applicable
Real time graph	Not Applicable
Printer interface (Direct connectivity to printer w/o computer)	Not Applicable
Computer operation software and data Acquisition software	Not Applicable
Displacement controlled operation	Not Available
Modulus of Elasticity Calculation	Not Available
Flexural attachment	Not Available
Splitting Tensile Test	Not Available
LAN Connectivity	Not Available
Auto internal Calibration without proving ring	Not Available
Piston over travel safety cut off	Not Available
Over load safety cut off	Not Available
Shot circuit protection	Not Required

Note: Specifications are subject to change.