



As per IS:516, BS:1881 and ASTM C78, EN 12390-5, AASHTO T22, Fully automatic test execution. Controllable pace rate from 0.03 KN/Sec to 10 KN/Sec

Automatic Test Execution:

Once the machine has been switched on, the specimen positioned and centered, the only required operations are

Set test parameters - including load rate:

- Press the start button
- Tighten the pressure valve
- The machine automatically: starts the rapid approach; switches to the test speed once the specimen comes into contact with the upper platen; automatically stops the motor upon specimen failure
- Release the pressure valve
- The test execution conforming to Standards can be easily proved.
- Working on 240V, 50-60Hz, single

phase.

- Dual stage pump assuring fast piston approach and precise test execution
- Test execution conforming to EN 12390-4, ASTM C39, AASHTO T22
- Controllable pace rate from 1 KN/Sec to 10 KN/Sec.
- Auto stop after completion of each test.
- Soft platen-to-specimen contact and smooth load rate control from the very beginning of the ramp

Frame:

- Four column high stiffness welded frame tested for stability.
- Heavy duty spherical seat , allowing initial free alignment at the initial contact with the specimen and automatic jamming up to the end of test.
- Surface hardness of platen is 55 HRC, flatness tolerance 0.03 mm. Traceable certificate of surface hardness available on request.
- Piston travel limit switch (Extra cost)
- Emergency stop button

Salient features of data manager PC software (Optional at extra cost.):

- Two way communication i.e machine operates from computer and from the touch screen controller both (Stat, stop, save data and save graph)
- Results directly saved in excel file
- Graph also saved in excel file
- Capable to save customer name, other details of customer, ageing of cube moulds, identification mark of the cube mould, date and time of testing
- Capable to print direct report from the computer
- Capable to select different test parameters like pace rate, sample size and area from the computer (software)

Overall Dimensions : 430 X 760 X 1150 (L X W X D) mm
Net weight (in kg) : 225 kg

Note: It is recommended to use the machine with 3 KVA servo stabilizer

Note: Specifications are subject to change.