

# SERVO SMART

## Smart Series

**Capacity: 1000kN / 2000kN / 3000kN**

An advanced servo compression testing machine is a robust compression tester manufactured as per International Standards.

Equipped with touch screen display, this machine is easy to use and maintain.

The load frame is a sturdy welded plate type complete with hydraulic power pack attached to it. Solid machined spacers are supplied to test different sizes of concrete specimen. The piston is duly hard chromed for fast lift and return. Pace rate specified for all size of cubes, cylinders, rock, Paver blocks, Interlocking tiles.

## FEATURES:

- 7" LCD touch screen
- 10 point calibration facility with auto/manual pace rate regulator
- On board printing facility
- Overload cut off facility
- Piston over lift cut off facility
- Compact & sturdy design load frame to be base mounted
- Pump clamped to frame
- Matt finished PU paint in dark color
- Safety lockable door
- Hardened and ground platens.
- Automatic pace rate control from 0.1kN/sec to 20kN/sec
- Real time graph for Load vs Time
- Safety for over lift of jack with limit switch cut of facility
- USB pen drive port for data saving
- Solid CNC finish distance piece
- SCADA Software available (at additional cost)



# SPECIFICATIONS



| <b>CAPACITY</b>          | <b>25 TON</b>      | <b>50 TON</b>      | <b>100 TON</b>     | <b>200TON</b>      | <b>300 TON</b>     |
|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| RAM DIAMETER(MM)         | 100                | 120                | 170                | 250                | 300                |
| RAM TRAVEL (MM)          | 50                 | 50                 | 50                 | 50                 | 50                 |
| PACE RATE (KN/SEC)       | .1KN-6KN           | .1KN-6KN           | .1KN-10KN          | .5KN-20KN          | 1KN-20KN           |
| MOTOR CAPACITY           | .5HP 230 V         | .5HP 230 V         | 1HP 440V           | 1HP 440V           | 1HP 440V           |
| LEAST COUNT (KN)         | 0.1KN              | 0.1KN              | 0.001KN            | 0.001KN            | 0.001KN            |
| MAXIMUM PRESSURE(KG./CM) | 320                | 440                | 440                | 400                | 400                |
| PLATEN DIAMETER(MM)      | 200                | 200                | 220                | 300                | 300                |
| HORIZONTAL CLEARANCE(MM) | 210                | 210                | 240                | 310                | 380                |
| VERTICAL DAY LIGHT (MM)  | 310                | 310                | 310                | 310                | 310                |
| HEIGHT OF LOAD FRAME(MM) | 670                | 670                | 750                | 890                | 990                |
| WEIGHT APPROX (KG)       | 210                | 210                | 330                | 580                | 950                |
| CUBE SPECIMEN (MM)       | 50,70.6            | 50,70.6            | 100,150            | 100,150            | 100,150            |
| CYLINDER SPECIMEN(MM)    | 100X200<br>150X300 | 100X200<br>150X300 | 100X200<br>150X300 | 100X200<br>150X300 | 100X200<br>150X300 |



**"LYNX"**