



Compliance Standards : IS: 516, IS: 9399, BS: 1881, ASTM C78

Although generally not such an important property of concrete than compressive strength tensile strength values are often important to know when the concrete used is free of reinforcement and may be subjected to some tensile force.

The machine consists of a motorized load frame. The lower platen has two rollers, the distance between which is adjustable. For 150 mm x 150 mm x 700 mm beam, the centre distance between the rollers is 600 mm, while it is 400 mm for beams of size 100 mm x 100 mm x 500 mm. The upper platen has also a pair of rollers whose distance adjustable. It is 200 mm centre to centre, for 150 mm x 150 mm x 700 mm size beam and 133 mm for 100 mm x 100 mm x 500 mm size beam. A pressure gauge to indicate load is fixed on the load frame. Total capacity of the machine is 100 KN and a 150 mm dia pressure gauge 0-100 KN x 1 KN is fitted on the machine. A separate electrically pumped unit housed in a cabinet is supplied. On/Off switch and a slow/fast lever to control rate of loading are fitted on the front panel of the pumping unit. A micro switch and relay fitted inside the pressure gauge protects the unit from over loading.

Overall Dimensions : 430 X 760 X 1150 (L X W X D) mm
Net weight (in kg) : 219 kg

Note: Specifications are subject to change.