



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

FLEXURAL STRENGTH TESTING MACHINE - HAND OPERATED

The machine consists of a hand 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. A small pumping unit is attached to 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. Since this is a hand operated light weight machine it is useful for field laboratory also. As per IS: 516, BS: 1881, ASTM C78

Weight: 155.700 Kg Approx.



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