

Product Name :
Concrete Lab Flexural Testing Machine

Product Code :
NLAB-EDUSCHOOLEQ204011



Description :

Concrete Lab Flexural Testing Machine

Technical Specification :

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. Total capacity of the machine is 100 KN. 150mm dia pressure gauge of 0-100 KN x 1 KN least count to indicate load is fixed on the load frame. A separate electrically cum hand operated pumping 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 facility for hand operation is provided. A micro switch and relay fitted inside the pressure gauge protect the unit from over loading.

Hand operated version consists of a load frame. A small hand pumping unit is attached to the load frame. Since this is a hand operated light weight machine. It is useful for field laboratory also.

Optional Accessories at Extra Cost.

Spare Oil seal

Hydraulic Oil (tin of 5 ltrs)

Beam Mould 10 X 10 X 50 cm

Beam Mould 15 X 15 X 60 cm

Beam Mould 15 X 15 X 70 cm

Beam Mould 15 X 15 X 75 cm

Trowel

Concrete Scoop

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