

Product Name :
Compression Testing Machine

Product Code :
Soil Testing0045



Description :

Compression Testing Machine

Technical Specification :

Strength of Concrete is a very important aspect during construction. Strength of concrete is obtained by crushing the specimen in form of cubes or cylinders. Engineers carefully design concrete for a particular compressive strength and specimen is tested by applying load in a compression Testing Machine. Where carrying frequently the specimens for testing in a standard laboratory is inconvenient and uneconomical.

With special attachments, the machines can also be used for bricks, hollow or solid concrete blocks, using appropriate capacity machines. In general a Compression Testing Machine consists of Load Frame with suitable platens and a Pumping Unit with Pressure gauge, either hand operated or electrically cum hand operated. Load frame and Pumping unit are connected by pressure pipes.

TECHNICAL DETAILS

Capacity: 300 Tonne

Maximum Clearance between Platens: 400mm

Maximum Distance between Side Platens: 400mm

Platen Size: 200mm dia

Plain Sock 310mm dia

Plain Sock 50mm

Specimen Size: 100/200mm Cube

300mm dia x 300mm Height Cylinder

Accessories:

- Meter Gauge 0' Dia

- Pumping Unit

- Connecting Pipe

- Plain

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