

**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 machine. 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 run hand operated. Load frame and Pumping unit are connected by pressure pipes.

### TECHNICAL DETAILS

Capacity: 300 Tonne

Maximum Clearance between Platen: 400mm

Maximum Distance between Side Platen: 400mm

Platen Size: 300mm dia

Platen Size: 310mm dia

Platen Stack: 50mm

Specimen Size: 150-300mm Cube

300mm dia x 300mm Height Cylinder

Accessories:

- Meters Gauge 0" DIA

- Pumping Unit

- Corroding Pipe

- Platen

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