

Product Name :
Load Frame for Universal Compression Test of Rocks

Product Code :
ENGLABINGCAG4600002



Description :

Load Frame for Universal Compression Test of Rocks

Technical Specification :

This equipment is used for determining unconfined compressive strength of intact rock core specimens.

The rock sample is cut to length and the ends are machined flat.

The specimen is placed in a loading frame and if required heated to the desired test temperature.

Axial load is continuously increased on the specimen until peak load and failure are obtained.

The equipment consist of the following replaceable parts :

Load frame, 200 kn capacity 12 speed from 0.0064 to 1.25 mm/min

Proving ring, 200 kn with calibration certificate

Dial gauge 25mm travel, 0.01mm least count.

Horizontal clearance: 300 mm

Vertical clearance: 750 mm

Maximum platen diameter: 198 mm

Maximum platen travel: 100 mm

Platen set as per ASTM 2938 requirements

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Specimen diameter: 38 mm to 100 mm

Can test AX, BX, NX rock specimen upto 100 mm



Engineering Lab Equipment India