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Brazilian Test Apparatus ZI 6011

Standards: IS 10082-1982

Specification:

The instrument is useful for testing specimen from 50mm dia to 100mm and of thickness of half the diameter. This is to test for indirect measurement of tensile strength of rocks. The specimen is held in circular jaws, this is primarily similar to a compression machine and consists of a small load frame having sturdy base with two vertical threaded rods and an adjustable cross head. The hydraulic jack is fitted at the centre of the base of the load frame. The jack of the load frame is self retracting and two plain platens are supplied. A pressure gauge capacity 0-100 kn x 1 kn is fixed at the base of jack. A maximum pointers is also provided on the gauge, a pair of semi circular platens for 50mm dia samples also provided. The instrument can be used in field also.

Optional Extras:

Pair of jaws for samples dia

- (a) 60 mm
- (b) 70 mm
- (c) 80 mm
- (d) 90 mm
- (e) 100 mm.

