

Product Name :
Point Load Index Tester

Product Code :
NLAB-ROCKTLAB170008



Description :

Point Load Index Tester

Technical Specification :

Point Load Index tester, a rock testing instrument for determining the Diametrical Point Load Strength Index of rock cores and Irregular Lumps which may be tested without any treatment. The Point Load Test is primarily as index Test for strength classified of rock materials. This instrument is mainly intended for field measurements on rocks specimen, but it can be used in the laboratory. The results of the test may also be used to predict the uniaxial compressive strength of rock from correlations. The apparatus is light and portable and can be used in the laboratory as well as in the field.

Point Load Index Tester

Features:

Equipment is light and portable

Rock core specimens can be tested without any preparation

The instrument can be used in the laboratory as well as at the drilling site

The results of the test may also be used to predict the uniaxial compressive strength of rock.

With this instrument, a wide range of core size can be tested

The frame has adequate adjustments to align perfectly the loading axis passing through the centre of the bearing plates and loading platens at the position of the ram of the hydraulic jack

The equipment comprised the followings:

A : Loading Frame, fitted with Hydraulic Jack, hand operated, capacity 100 KN (10,000 kgf)

B : Load Gauge, 25KN (2,500 kgf) to read upto 0.25KN (25kgf)

C : Load Gauge, 100KN (10,000 kgf) to read upto 0.50KN (50kgf)

D : Conical Loading Platens

E : Diaphragm Bolt

Naugralabequipments

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