



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

POINT LOAD INDEX TESTER-HAND OPERATED*



Introduction

Point Load Index Tester, is used for determining the Diameter al Point Load Strength Index of rock cores and irregular lumps which can be tested without any treatment. Used for testing rock, aggregate and core samples as well as out crop specimen in their original shape. The Point Load Test is primarily an Index Test for strength classification of rock materials.

Salient Features :

- Rock core specimens can be tested without any preparation.
- 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 sizes can be tested.
- The frame has adequate adjustments to align perfectly the loading axis passing through the center of the bearing plates and loading.
- This instrument is mainly intended for field measurements on rock specimen but it can also be used in the laboratory.
- This is a portable instrument and is useful in the field also.
- Uniaxial compressive strength for rock specimen can also be predicted approximately.

Construction Details

- The instrument comprises of a three pillar type load frame on the base of which is fixed a 10 Ton capacity hydraulic jack at the center.
- A conical platen at the top of jack.
- The other conical platen is fixed to the top plate of the frame at its center, The distance between two conical platen is fixed to the top plate of the frame at its center.
- The distance between two conical platen is adjustable by vertical movement of the upper plate of the load frame.
- Loading jack with integral hand operated pump and two pressure gauges of 0-25 KN and 0-100 KN .

Technical Specification

- Overall Dimensions : 27 x 25 x 30
- Weight (Approx.) : 140 Kgs Approx.

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F