



Product Code . EL-CL-11892

Digital Point Load Tester

Description

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Used to determine the strength values of a rock specimen both in the field and in the laboratory.

It consists of a load frame for applying loads up to 56 kN, on which a manual hydraulic jack is mounted.

A graduated scale indicates the distance between the conical points.

The instrument accepts core specimens up to 4" (101.6 mm) diameter which is loaded with two cones shaped points.

The applied load is measured by a high precision electric load cell with a digital display unit range 0-56kN proving:-

65.000 divisions

0.001 kN resolution

Linearity: 0.05%

Hysteresis: 0.03%




Repeatability: 0.02%

The strength index (IS) is got by the formula $P : D^2$ where P is the strength and D the space between the two conical points.

Supplied complete with wooden carrying case, goggles, accessories.

Dimensions: 400 x 530 x 720 mm.

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