



Digital Point-Load Test Apparatus

Code: [77-0115](#)

Product Group: [Digital Point Load Tester](#), [Point-Load Strength Test](#)

Originally developed at Imperial College, London, the apparatus comprises a two-column fixed crosshead frame and a hand operated hydraulic jack. Pressure applied by the jack extends the piston carrying the lower conical point. The upper point is fixed to the crosshead with a scale mounted on the frame to provide specimen diameter information for use in point-load strength index calculations. Pressure is indicated directly on the digital readout unit. Loads up to 55 kN can be applied to specimens as large as 101.6 mm in diameter.

The apparatus is supplied complete with heavy-duty face mask.

Standard: ASTM D5731

Standards

ASTM D5731

Specification

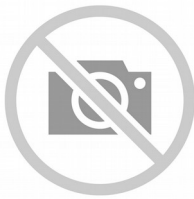
Capacity	55 kN
Maximum sample size	101.6 mm
Load range	0 to 55 kN x 0.001 kN
Weight	25 kg

Accessories



European Plug Adapter

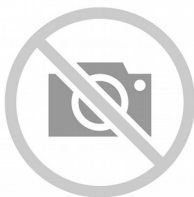
Code: [77-0115/12](#)



Point holder/locator for Digital Point Load tester

Code: [77-0115/14](#)

Spares/Consumables



Set of 2 Conical Points & 1 Set of Internal Seals for 77-0115 Digital Point Load Tester.

Code: [77-0115/K](#)



Set of Cones for Digital Point Load Tester

Code: [77-0115/10](#)

Alternatives



Rock Classification Hammer

Code: [77-0470](#)