

DIGIMATIC POINT LOAD TESTER 50 kN (AUSTRALIA STD)

Standard: AS 4133.4.1:2007

A **Digimatic Point Load Tester (PLT)** is a reliable testing apparatus designed to determine the strength values of rock specimens in both laboratory and field-testing applications. The unit consists of a rigid load frame equipped with manually operated hydraulic jack for controlled load application. The apparatus incorporates a high accuracy load cell and a fine resolution reading control unit to ensure precise measurement results. This tester is widely used in mining operations, geotechnical engineering, research, and education.

Features:

- Equipped with safety cover for protection.
- Digital display for real-time load monitoring.
- Equipped with a rubber grip lifting handle.
- A ruler attached on the frame allows for direct measuring specimen diameter.

NEW 2026



Technical Specifications :

Model Number	NL 1012 X / 009
Max. Capacity	50 kN x 0.001 kN Sensitivity
Max. Specimen Test	90 mm Dia.
Platen Tip Radius (Top & Bottom)	5 mm Spherical Tip Radius
Loading Conical Platen (Top & Bottom)	60° Cone
Battery	3000 mAh, Rechargeable
Charger	5VDC, 2A
Result Storage	50 Test Results
Accuracy & Repeatability	≤1.0 % F.S
Length / Material of Jack Handle	390 mm / Stainless Steel
Product Dimension	180 (L) x 190 (W) x 550 (H) mm
Packing Dimension	300 (L) x 300 (W) x 700 (H) mm
Product Weight	14 kg
Packing Weight	25 kg



Unit Consists Of :

Model Number	Parts Description	Qty
NL 1012 X / 006 – P 001	50 kN S Type Load Cell c/w Cable	1 no.
NL DLD – 200	Digital Load Display	1 unit
NL 1012 X / 006 – P 003	Measuring Guide Plate	1 no.
NL 1012 X / 006 – P 006	Conical Cone Set (Upper & Lower)	1 set
NL 1012 X / 009 – P 008	Safety Cover	1 pc.
NL 1012 X / 006 – P 008	Power Charger	1 no.
NL 1012 X / 009 – P 013	Lifting Handle	1 no.

*1 Copy of Manual Instruction

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