

PLATE BEARING EQUIPMENT

Standard: BS 1377:9, ASTM D1194, D1195, D1196

Bearing Capacity

Plate Bearing Equipment is used to conduct Plate Bearing Test (PBT), also known as the Plate Load Test, is a field procedure used in geotechnical engineering to access the bearing capacity and settlement characteristics of soil under controlled loading.

Set Consists Of :

Model Number	Parts Description	Qty
NL 5010 X / 002 – P 001	500kN (50 Tons) Single Acting Hydraulic Cylinder with Spherical Seat	1no.
NL 5010 X / 002 – P 002	Hand Operated Pump c/w 4 m Hydraulic Hose	1set
NL SLO-60M	Digital Load Gauge	1no.
NL 5010 X / 002 – P 004	Loading Plate Ø 305 x 28 mm	1no.
NL 5010 X / 002 – P 005	Steel Carry Case	1no.
NL 5010 X / 002 – P 007	Datum Bar 5.5 m (L) with Steel Feet	1set
NL 7020 X / 001 – A 001	Dial Indicator Holder (Magnetic)	4nos.
NL 5010 X / 002 – P 009	Tool Kit Set	1pck.
NL 7020 X / 005	Analogue Dial Indicator 50 x 0.01 mm	4 nos.

*1 Copy of Manual Instruction

Technical Specifications :

Model Number	NL 5010 X / 002
Capacity	500 kN (50 Tons)
Approx. Weight	105 kg
Resolution	0.01 kN
Accuracy	± 1%
Battery Life	8 hours

Optional Accessories :

Model Number	Accessories Description
NL 5010 X / 002 – A 001	Loading Plate Ø 457 mm x 28 mm
NL 5010 X / 002 – A 002	Loading Plate Ø 610 mm x 28 mm
NL 5010 X / 002 – A 003	Loading Plate Ø 762 mm x 28 mm
NL 5010 X / 002 – A 004	On-the-go Charger (5V2A)
NL 5010 X / 002 – A 005	Loading Plate Ø 152 mm x 28 mm
NL 4031 X / 001	Digimatic Load Cell 500 kN



Loading Plate