

PLATE BEARING TEST SET

STANDARDS: ASTM D1194, 1195, 1196, BS 1377:9

This test is performed for the determination of the bearing capacity of a soil in-situ on road constructions, foundations, road subgrades, and airport and highway pavements.



HR-S5630 with All Accessories

A wide range of models are available.

100 kN capacity Plate Bearing Test Set consists of a 100 kN capacity Piston Assembly and Hydraulic Hand Pump, Analog Manometer, 2.4 m long Datum Bar, 3 pcs. 30 mm travel x 0.01 mm Analog Dial Gauges with Dial Gauge Holders, Ø12"(305 mm) and Ø18"(457 mm) Loading Plates.

300 kN capacity Plate Bearing Test Set consists of a 300 kN capacity Piston Assembly and Hydraulic Hand Pump, Analog Manometer, 2.4 m long Datum Bar, 3 pcs. 30 mm travel x 0.01 mm Analog Dial Gauges with Dial Gauge Holders, Ø12"(305 mm) and Ø18"(457 mm) Loading Plates.

500 kN capacity Plate Bearing Test Set Set consists of a 500 kN capacity Piston Assembly and Hydraulic Hand Pump, Analog Manometer, 2.4 m long Datum Bar, 3 pcs. 30 mm travel x 0.01 mm Analog Dial Gauges with Dial Gauge Holders, Ø24"(610 mm) and Ø30"(762 mm) Loading Plates.

1000 kN capacity Plate Bearing Test Set Set consists of a 1000 kN capacity Piston Assembly and Hydraulic Hand Pump, Analog Manometer, 2.4 m long Datum Bar, 3 pcs. 30 mm travel x 0.01 mm Analog Dial Gauges with Dial Gauge Holders, Ø24"(610 mm) and Ø30"(762 mm) Loading Plates.



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Two different digital readout unit options are available for the Digital Models.

100 kN capacity Plate Bearing Test Set Set consists of a 100 kN capacity Piston Assembly and Hydraulic Hand Pump, Pressure Transducer, Battery operated digital readout unit, 2.4 m long Datum Bar, 3 pcs. 30 mm travel x 0.01 mm Analog Dial Gauges with Dial Gauge Holders, Ø12"(305 mm) and Ø18"(457 mm) Loading Plates.

300 kN capacity Plate Bearing Test Set Set consists of a 300 kN capacity Piston Assembly and Hydraulic Hand Pump, Pressure Transducer, Battery operated digital readout unit, 2.4 m long Datum Bar, 3 pcs. 30 mm travel x 0.01 mm Analog Dial Gauges with Dial Gauge Holders, Ø12"(305 mm) and Ø18"(457 mm) Loading Plates.

500 kN capacity Plate Bearing Test Set Set consists of a 500 kN capacity Piston Assembly and Hydraulic Hand Pump, Pressure Transducer, Battery operated digital readout unit, 2.4 m long Datum Bar, 3 pcs. 30 mm travel x 0.01 mm Analog Dial Gauges with Dial Gauge Holders, Ø24"(610 mm) and Ø30"(762 mm) Loading Plates.

1000 kN capacity Plate Bearing Test Set Set consists of a 1000 kN capacity Piston Assembly and Hydraulic Hand Pump, Pressure Transducer, Battery operated digital readout unit, 2.4 m long Datum Bar, 3 pcs. 30 mm travel x 0.01 mm Analog Dial Gauges with Dial Gauge Holders, Ø24"(610 mm) and Ø30"(762 mm) Loading Plates.



HR-S5600

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-S5590	Plate Bearing Test Set, 100 kN capacity	80x33x60	100
HR-S5600	Plate Bearing Test Set, 300 kN capacity	85x33x60	110
HR-S5610	Plate Bearing Test Set, 500 kN capacity	90x33x60	130
HR-S5620	Plate Bearing Test Set, 1000 kN capacity	95x33x60	150
HR-S5625	Plate Bearing Test Set with Digital Readout Unit, 100 kN capacity	80x33x60	100
HR-S5630	Plate Bearing Test Set with Digital Readout Unit, 300 kN capacity	85x33x60	110
HR-S5640	Plate Bearing Test Set with Digital Readout Unit, 500 kN capacity	90x33x60	130
HR-S5650	Plate Bearing Test Set with Digital Readout Unit, 1000 kN capacity	95x33x60	150
HR-S5625/LPI	LPI Plate Bearing Test Set with Digital Readout Unit, 100 kN capacity	80x33x60	100
HR-S5630/LPI	LPI Plate Bearing Test Set with Digital Readout Unit, 300 kN capacity	85x33x60	110
HR-S5640/LPI	LPI Plate Bearing Test Set with Digital Readout Unit, 500 kN capacity	90x33x60	130
HR-S5650/LPI	LPI Plate Bearing Test Set with Digital Readout Unit, 1000 kN capacity	95x33x60	150

Spare Parts & Accessories:

Product Code	Product Name	Dimensions (mm)	Weight (kg)
HR-S5590/1	Piston Assembly, 100 kN capacity	---	---
HR-S5600/1	Piston Assembly, 300 kN capacity	---	---
HR-S5610/1	Piston Assembly, 500 kN capacity	---	---
HR-S5620/1	Piston Assembly, 1000 kN capacity	---	---
HR-G9000	Hydraulic Hand Pump, 700 bar	---	---
HR-G9000/1	High Pressure Hose, 1 m	---	---
HR-G9010	Analog Manometer	---	---
HR-S5600/2	Datum Bar, 2.4 m long	---	---
HR-G0876	Analog Dial Indicator, 30 x 0,01 mm	---	---
HR-G0885	Dial Gauge Holder	---	---
HR-S5654	Pressure Transducer	---	---
HR-S5655	Battery Operated Digital Readout Unit	---	---
HR-C9002/LPI	LPI Battery Operated Digital Readout Unit	---	---
HR-S5600/3	Loading Plate, Ø 12"(305 mm)	305	15
HR-S5600/4	Loading Plate, Ø 18"(457 mm)	457	30
HR-S5600/5	Loading Plate, Ø 24"(610 mm)	610	60
HR-S5600/6	Loading Plate, Ø 30"(762 mm)	762	95
HR-S5656/1	Extension Rods. Pack of 16.	Ø 12x250	---
HR-S5656/2	Top End Plates. Pack of 4.	Ø 50	---
HR-S5656/3	Columns. 2 pieces.	Ø 150x250	---
HR-S5656/4	Column	Ø 150x500	---
HR-S5657/1	Mild Steel Plate, Square	750x750x25	---
HR-S5657/2	Mild Steel Plate, Square	600x600x25	---
HR-S5657/3	Mild Steel Plate, Square	450x450x25	---
HR-S5657/4	Mild Steel Plate, Square	300x300x25	---
HR-S5657/5	Mild Steel Plate, Round	Ø 750x25	---
HR-S5657/6	Mild Steel Plate, Round	Ø 500x25	---



HR-C9002/LPI