

SERVOTEC AUTOMATIC CBR LOADING TESTER 50 kN (AUTOUCH)

Standard: BS 1377:4, ASTM D1883, AASTHO T 193

Immediate Bearing Index

Servotec Automatic CBR Tester 50kN designed for intelligent, precision testing. The intuitive touchscreen interface provides complete control at your fingertips, while integrated auto-data capture eliminates manual processes, ensuring reliable results with exceptional efficiency. Powered by an advanced servo drive system, the tester achieves unparalleled accuracy and repeatability in all testing conditions.

Features:-

- **Emergency stop button** – Quick-response button halts operations immediately in case of unexpected issues.
- **Compact & Sturdy Design** – Space-saving footprint fits well in labs without sacrificing durability.
- **Minimal Vibration & Noise** – Smooth & quiet operation for a more comfortable lab environment.
- **Effortless Height Adjustment** – Quick vertical positioning with 1-tap adjustment.
- **Auto data capturing** – Each preset interval, data will be automatically capture, save time and hassle free.
- **Touch screen control** – Easy setup & real-time graph plot display.
- **Data Export** – Test results can be saved via USB and analysed in Microsoft Excel.

**NEW
2025**



Technical Specifications :

Model Number	NL 5002 X / 007S
Capacity	50 kN
BS CBR Testing Speed	1 mm/min
ASTM CBR Testing Speed	1.27 mm/min
Vertical Clearance	700 mm
Horizontal Clearance	250 mm
Display	7" LCD Touchscreen Display
Product Dimension	400 (L) x 640 (W) x 1135 (H) mm
Packing Dimension	650 (L) x 750 (W) x 1305 (H) mm
Product Weight	88 kg
Packing Weight	100 kg
Power	220~240 V, 1.0 kW, 1 Ph, 50/60 Hz, 4.8 A

*1 Copy of Manual Instruction

Unit Consists Of :

Model Number	Description	Qty
NL 5002 X / 006 – P 001	Penetration Piston	1no.
NL 5002 X / 006 – P 002	Extension Rod for BS Penetration Piston	1no.
NL 2010 X / 004 – P 001	50 kN 'S' Type Load Cell	1no.
NL 5002 X / 007S – P1	Displacement Transducer Probe	1no.
NL 5002 X / 007S – P2	Transducer Holder	1no.
NL 5002 X / 007S – P3	Integrated Thermo Printer c/w Papers (3 rolls)	1set

Optional Accessories :

Model Number	Description	Qty
NL TPR – 57	Thermo Paper Roll 57mm x 31mm Dia. (5 rolls / pack)	1pack

