

SERVOTEC AUTOMATIC MARSHALL STABILITY COMPRESSION TESTER 50kN (AUTOUCH)

Standard: ASTM D1559, D5581, AASTHO T245, EN 12697-34, BS 598:107

Stability Compression

Servotec Automatic Marshall Stability Compression 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.
- **Auto data capturing** – Each preset interval, data will be automatically capture, save time & hassle free.
- **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.
- **Touch screen control** – Easy setup & real-time graph plot display.
- **Data Export** – Test results can be saved via USB & analysed in Microsoft Excel.



Technical Specifications :

Model Number	NL 2010 X / 007S
Capacity	50 kN
Testing Speed	50.8 mm / minutes
Cross Head Travel	35 mm
Transducer Sensor	<30 mm
Vertical Clearance	300 mm
Horizontal Clearance	270 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 / Packing Weight	88 kg / 100 kg
Power	220~240 V, 1.0 kW, 1 Ph, 50/60 Hz, 4.8 A

Unit Consists Of :

Model Number	Parts Description	Qty
NL 2010 X / 004 – P 001	50 kN 'S' Type Load Cell	1 no.
NL 2010 X / 004 – P 002	Displacement Transducer Probe	1 no.
NL 2010 X / 006 – P 003	4" Dia. Marshall Stability Mould	1 no.
NL 2010 X / 007S – P3	Integrated Thermo Printer c/w Papers (3 rolls)	1 set

Optional Accessories :

Model Number	Accessories Description
NL 2010 X / 006 – A 001	6" (150mm) Marshall Stability Mould c/w Flow Meter Attachment
NL 2010 X / 004 – A 004	Tensile Splitting Device (for 4" & 6" Sample) c/w Loading Strip 12.7 mm & 19.1 mm Width (BS EN 12697-23 / ASTM D6931)
NL TPR – 57	Thermo Paper Roll 57 mm x 31 mm Dia. (5 rolls / pack)

*1 Copy of Manual Instruction



NL 2010 X / 006 – A 001



NL 2010 X / 006 – P 003



NL 2010 X / 004 – A 004