

ADVANCE RING & BALL SOFTENING POINT TESTER (TOUCH SCREEN VERSION)

Standard: EN 1427, ASTM D36, AASHTO T53

Softening Point of Bitumen

The **Advance Ring & Ball Softening Point Tester** is equipped with a 7-inch touchscreen display and a blade-type stirrer. It ensures excellent heating linearity and employs high-precision optical detection technology to scan the steel ball's sinking distance (25.4mm) and automatically record test results. By simply pressing the "Start Test" button, the entire test is carried out automatically, delivering accurate and reliable results. This instrument is suitable for asphalt performance testing and research in highway, urban construction, petrochemical industries, and scientific research institutes.

Technical Specifications :

Model Number	NL 2012 X / 006
Temp. Accuracy	± 0.1 °C
Temp. Measuring Range	5 to 180 °C
Heating Rate (after 3 min)	5.0 °C ± 0.5 °C / min
Temp. Resolution	0.1 °C
Timing Range	99 minutes and 99 seconds (99:99)
Stirrer Type	Stainless Steel Propeller (Adjustable Speed)
Test Channels	2 channels
Product Dimension	320 (L) x 210 (W) x 315 (H) mm
Packing Dimension	380 (L) x 210 (W) x 350 (H) mm
Approx. Product Weight	9 kg
Power	220~240 V, 800 W, 1 Ph, 50/60 Hz, 3 A

Unit Consists Of :

Model Number	Parts Description	Qty
NL 2012 X / 001 – P 002	Brass Tapered Ring	2nos.
NL 2012 X / 001 – P 003	Ball Centering Guide	2nos.
NL 2012 X / 001 – P 004	Steel Ball 9.5 mm Dia.	2nos.
NL 2012 X / 003 – P 001	Glass Beaker	1no.
NL 2012 X / 003 – P 002	3-Blades Propeller Set	1set
NL 2012 X / 003 – P 003	Support Frame c/w Thermosensor & Heating Element	1set

*1 Copy of Manual Instruction

Optional Accessories :

Model Number	Accessories Description
NL – MP 100	Mini Printer c/w Cable (Serial)
NL – MP 100 RP	High White Paper Roll 44mm Width (3 rolls/pack)
NL ERC – 05	Seamless Ribbon (Black)
NL 2012 X / 003 – A 003	Pouring Plate (EN 1427)



Mini Printer



Pouring Plate



Touchscreen Display



Fall Detection Sensor