

DIGIMATIC RING & BALL SOFTENING POINT TESTER

Standard: EN 1427, ASTM D36, AASHTO T53

Softening Point of Bitumen

The **DIGIMATIC RING & BALL APPARATUS** has a magnetic stirrer with adjustable heating facility and digital display of temperature. Upgraded version with large LED screen. Each unit comes with a bath of heat-resistant glass, tapered rings, ball centering guide, steel balls and ring holder.

Designed for fast and accurate, this ring and ball apparatus automatically determines the softening point of bitumen. Two laser sensors detect the fall of the ball, detecting and recording the softening point of the test material.

Main Features :-

- Microprocessor
- Automatic result capture for water or glycerol
- Memory up to 50 tests
- Adjustable stirring speed
- Real time display of temperature and time

Technical Specifications :

Model Number	NL 2012 X / 005
Temperature Range	0 - 270°C
Testing Range	5°C to 180°C
Temperature Rate	(5± 0.5)°C/min
Timing Accuracy	1 second
Timing Setting Range	0-99 min, 99 seconds
Dropping Distance	25.4 mm
Product Dimension (mm)	280 (L) x 180 (W) x 295 (H)
Carry Case Dimension (mm)	365 (L) x 240 (W) x 220 (H)
Approx. Product Weight	4.5 kg
Approx. Packing Weight	5 kg
Power	220 V, 1 ph, 50 / 60 Hz, 800 W

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
WH-T1AZBO	Portable Mini Printer (T1)
NL HWPR - 44	High White Paper Roll 44mm x 33mm Dia. (5rolls/pack)
NL ERC - 05	Seamless Ribbon (Black)

**NEW
2020**



Portable Mini Printer (T1)