

ADVANCE AUTOMATIC RING & BALL SOFTENING POINT APPARATUS

Standard: EN 1427, ASTM D36, AASHTO T53

Softening Point of Asphalt

Used for determining the softening point of bituminous material. Newly invented with portable & compact design. Equip with 2 laser sensor detected ball fall automatically determined the softening point at asphalt. Supplied WITHOUT mini printer.

Features:-

- * Dual laser sensors. Automatic fall detection at 25mm drop.
- * Automatic laser sensor detector unit
- * Enable auto or manual test operation
- * Adjustable magnetic stirrer rotation speed.
- * Mini printer connection port
- * Enable connected to NL mini printer for instant print out 3 groups average test result.



Technical Specifications :

| Model Number | NL 2012 X / 003 |
|--------------------------|---------------------------------------|
| Temp. Measuring Range | 5 °C to 125 °C |
| Temp. Resolution | 0.1 °C |
| Temp. Accuracy | ± 0.2 °C |
| Operation Mode | Automatic / Manual |
| Heating Rate | 5.0 °C ± 0.5 °C / min (water) |
| Number of Test Positions | 2 Rings |
| Stirrer Type | Magnetic Bar (Adjustable Speed) |
| Product Dimension (mm) | 280 (L) x 180 (W) x 295 (H) mm |
| Approx. Product Weight | 3.5 kg |
| Approx. Packing Weight | 4.0 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 Guides | 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 | Magnetic Stirrer Bar | 1no. |
| 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 | Printer Paper (3 rolls) |
| NL 2012 X / 003 – A 003 | Pouring Plate (EN 1427) |



Mini Printer



Pouring Plate