



RING AND BALL AUTOMATIC SOFTENING POINT TESTER

**NF EN 1427, ASTM D36, IP 58,
DIN 5201, ISO 5940 and NFT 66008**

1. Cat/no 10036000 Automatic Ring & Ball Tester Model D36-EN1427

Fully according (especially heating and stirring) to NF EN 1427, ASTM D36, IP 58, DIN 5201, ISO 5940 and NFT 66008 for 2 simultaneous determination of Softening Point of Bitumen and similar products, automatic supervision of heating rate to $5 \pm 0,5$ °C/min by means of micro-processor, PID regulation of Infra-Red Quartz Emitter and Pt 100 probe, exclusive reflexion parabol of thermal waves to provide a very good homogeneity of the bath, controlled stirring speed, optical detection of ball falls with digital display of both temperatures, automatic power shutt-off at end of test and safety cut-off.

Standard model delivered complete with necessary accessories (calibrated beaker, 2 shouldered rings, 10 balls, cradle, Pt 100, magnetic propeller stirrer and power supply lead. Voltage : $230\text{ V} \pm 10\%$ - 50/60 Hz. External dimensions: 210 x 297 x 110 mm. Weight: 5 kg.



Our unit may be supplied without (metallic frame with anti-corrosion treatment) or with our painting.

Recommended supplies for 2 years

2. Cat/no 10036001 Glass beaker, 600 ml, gauged (1 for conditioning, 1 for testing and 1 for cleaning)
3. Cat/no 10036002 Shouldered rings (pack of 10)
4. Cat/no 10036003 Conical rings (pack of 10)
5. Cat/no 10036004 Straight rings (pack of 10)
6. Cat/no 10036005 Balls made of 100C6 quality steel (pack of 10)
7. Cat/no 10036006 Cradle (for pre-conditioning the samples).

Recommended spares for 3 years

8. Cat/no 10036007 Detection lamp
9. Cat/no 10036008 Pt 100 probe with calibration certificate
10. Cat/no 10036009 Set of fuses

Optional programs or/and kits of accessories:

11. Cat/no 10036010 Additional program and kit for testing glues (Modified ISO-WILHELMI method, 1 °C/ min&silicone-oil bath, or other on request)
 12. Cat/no 10036011 Additional program with ball-guiding kit for testing plastics and lipsticks (Modified ISO-WILHELMI method, 0 to 10 °C / min heating rate and relevant type of bath)
 13. Cat/no 10036012 Additional program and kit for testing compound paraffins and paraffin melts according to NFT 66147
 14. Cat/no 10036013 Additional program and kit for testing resins, binders for paints and varnishes according to testing ISO 4625 - ASTM E 28
- Other Ring&Ball Methods upon request.