

MODEL TO-561

Softening Point – Ring and Ball Apparatus



This equipment is used to determine the temperature at which a sample of bituminous material loaded by a 9.5mm diameter steel ball drops a specified distance when heated under specified conditions.

The Ring and Ball Apparatus has a magnetic stirrer with adjustable heating facility and digital display of temperature. Each unit comes with a bath of heat-resistant glass, tapered rings, ball centering guide, steel balls, ring holder and a hot plate.

Applicable standards

- ASTM D 36, E 28, STPTC PT 3, AASHTO T53, BS:2000, EN 1427

SUPPLIED AS STANDARD

- **TO-56101** Tapered rings (set of two)
- **TO-56102** Ball centering guide (set of two)
- **TO-56103** Steel ball of 9.5mm dia (set of two)
- **TO-56104** Ring holder
- **TO-56105** Electric hot plate

OPTIONAL ACCESSORIES

- **TO-56101** Tapered rings (set of two)
- **TO-56102** Ball centering guide (set of two)
- **TO-56103** Steel ball of 9.5mm dia (set of two)
- **TO-56104** Ring holder
- **TO-56105** Electric hot plate

ORDERING INFORMATION

- **TO-561-EN-01** Ring and ball apparatus, electrical heating, 110V, 60Hz
- **TO-561-EN-02** Ring and ball apparatus, electrical heating, 220V, 60Hz
- **TO-561-EN-03** Ring and ball apparatus, electrical heating, 220V, 50Hz
- **TO-561-ASTM-01** Ring and ball apparatus, electrical heating, 110V, 60Hz
- **TO-561-ASTM-02** Ring and ball apparatus, electrical heating, 220V, 60Hz
- **TO-561-ASTM-03** Ring and ball apparatus, electrical heating, 220V, 50Hz