

RING AND BALL SOFTENING POINT APPARATUS

STANDARDS: EN 1427, ASTM D36, AASHTO T 53

Used for determining softening point of bituminous materials by ring and ball method.

The softness of bitumen depends, amongst other factors, on the temperature of the substance, where, as the temperature is raised, the softness of the bitumen increases.

Supplied complete with a hotplate with magnetic stirrer, 2 steel balls, ball centering guide, 2 brass rings, 600 ml glass beaker and max. 110 °C thermometer.



Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-AS2250	Ring and Ball Test Set	21x31x40	4,5	220 V, 50 -60 Hz, 1 ph

Spare Parts & Accessories:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-G1025/A	Analog Magnetic Stirrer Heater	21x31x10	2,8	230 V, 50-60 Hz, 1 ph
HR-AS2250/1	Steel ball	---	---	---
HR-AS2250/2	Ball centering Guide	---	---	---
HR-AS2250/3	Brass ring, 2 pieces	---	---	---
HR-G0007	Glass Beaker, 600 ml	9x9x12,5	0,25	---
HR-G0391	Glass Thermometer; max 110 °C	3x3x30	0,1	---

AUTOMATIC RING AND BALL SOFTENING POINT APPARATUS

STANDARDS: EN 1427, ASTM D36, AASHTO T 53

Used for determining softening point of bituminous materials by ring and ball method.

Automatic Ring and Ball Apparatus consist of a heater, electric lifting system and magnetic stirrer with speed control, barrier system with optic sensor, microprocessor controlled and large display with touch panel, 2 steel balls, ball centering guide, 2 brass rings, 600 ml glass beaker and max. 110°C thermometer.

The ring and ball values are automatically registered by two photoelectric cells.

Two test options are available;

- 30 to 80° C for water
- 80 to 150° C for glycerole

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-AS2260	Automatic Ring and Ball Test Set	60x40x35	25	220 V, 50 -60 Hz, 1 ph

Spare Parts & Accessories:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-AS2250/1	Steel ball	---	---
HR-AS2250/2	Ball centering Guide	---	---
HR-AS2250/3	Brass ring, 2 pieces	---	---
HR-G0007	Glass Beaker, 600 ml	9x9x12,5	0,25
HR-G0391	Glass Thermometer; max 110 °C	3x3x30	0,1



HR-AS2260