

Ring and Ball Test Apparatus

EN 1427; ASTM D36 AASHTO E53; ASTM D2172

DESCRIPTION:

The Ring and Ball method of determining the softening point bituminous materials.

The softening point is considered to the temperature of the fluid when the ball penetrates the specimens and touches the lower plate.

This test method covers the determination of the softening point of bitumen in the range from 30 to 1570C immersed in the distilled water, USP glycerin, or ethylene glycol.



TECHNICAL SPECIFICATIONS:

Power Supply	600 W, 220 /110 V, 50/60 Hz
Dimensions	125x205x545 mm
Weight	1.5 kg

ORDERING:

AS 0132

Softening Point (Ring and Ball) Apparatus complete with all accessories.

ACCESSORIES:

AS 0132-1

Rings with collars, pack of 2

AS 0132-2

Thermometer ASTM 150C IP 600C

AS 0132-3

Thermometer ASTM 160C IP 610C

AS 0132-4

Balls, pack of 50

AS 0132-5

Pyrex Glass Jar, 600ml

Cleveland, Flash and Fire Point, Open Cup

ASTM D92, DIN 51376 ISO 2592

DESCRIPTION:

The Cleveland test method describes the determination of the flash and fire point of petroleum products such as bituminous material with flashpoints above 790C and below 4000C

Electrically heated by an electronic regulator, mounted on a case painted with anti-acid epoxides products.

Calibrated brass cup, gas ignition device fitted with a pivot manually passing through the cup. Fitted with pincers for the thermometer.

TECHNICAL SPECIFICATIONS:

Dimensions	250x300x250 mm
Weight	5 kg



ORDERING:

AS 0133

Cleveland, Flash and Fire point complete.

ACCESSORIES:

AS 0133-1

Rubber Tube Joint and Tube, 5 meter

AS 0133-2

Thermometer ASTM 110C IP 280C

AS 0133-3

Gas Ignition Device

AS 0133-4

Calibrated Brass Cup.