



Single, Softening Point Apparatus Set— H-1595

Ring and ball method softening point apparatus used for single determinations, asphalts, pitches, tars and most resins. Includes burner, beaker, support stand, 1 ring, wire gauze with ceramic center, thermometer clamp, 1 shouldered ring and stem with hardened steel ball and H-2600.113F thermometer. Meets ASTM D36, E28; AASHTO T53.

Single, Softening Point Apparatus Set— H-1596

Hotplate version of the H-1595.

Double, Softening Point Apparatus— H-1569

Includes 800ml beaker with brass, double set-up fixture with cover and thermometer port with stopper, 2 shouldered rings, 2 ball centering guides and 2 standard balls. Order thermometer separately.

Quad, Softening Point Apparatus— H-1570

Includes 800ml beaker with brass, quad set-up fixture with cover and thermometer port with stopper, 4 shouldered rings, 4 ball centering guides and 4 standard balls. Order thermometer separately.

Individual Softening Point Components

Description	Model	Use With
Brass, shouldered ring, Top: 23mm OD, 19.8mm ID; Bottom: 19mm OD, 15.9mm ID; Top to Shoulder: 4.4mm High; Shoulder to Bottom: 2mm High, 10 per package	H-1575	H-1569
Hardened steel ball, 3/8" 99.5mm dia.; weight between 3.45 and 3.55g, 10 per package	H-1580	H-1569 H-1595 H-1645
Ball centering guides for shouldered rings, ball is centered on specimen by 3 locator pins	H-1588	H-1575
Ring and stem assembly with 16" (406mm) long brass wire stem with shouldered brass ring	H-1602	H-1595
Ring and stem assembly with 2-1/2" (64mm) long brass wire stem with shouldered brass ring	H-1658	H-1645
Steel clamp hook support suspended thermometers, locks into any position with check nut, Maximum distance from center of muff to hook: 4-1/4" (108mm), minimum distance is: 3-7/8" (89mm)	H-8900	All H-2600 Series Thermometers
Thermometer clamp with adjustable 360° muff, phosphor-bronze jaws, 3-1/2" (89mm) long	H-8950	H-1570
Thermometer clamp similar to H-8950, but holds H-1602 ring and stem and thermometer together	H-8980	H-1595



H-1569



H-1595



H-1596



H-1658



H-8980



H-8950



H-1588



H-1575

Thermometers for Softening Point Apparatus

Description	Model
30 to 180°F (ASTM 15F) Thermometer	H-2600.15F
-2 to 80°C (ASTM 15C) Thermometer	H-2610.15C
85 to 392°F (ASTM 16F) Thermometer	H-2600.16F
30 to 200°C (ASTM 16C) Thermometer	H-2610.16C
30 to 350°F (ASTM 113F) Thermometer	H-2600.113F
-1 to 175°C (ASTM 113C) Thermometer	H-2610.113C