

# AUTOMATIC SOFTENING POINT OF BITUMEN (RING AND BALL APPARATUS)

## Test Method

Determines the Softening Point of Bitumen in the range from 30 to 157°C (86 to 315°F) using the ring and ball apparatus immersed in distilled water (30 to 80°C), USP glycerine (above 80 to 157°C), or ethylene glycol (30 to 110°C).

## Automatic Softening Point Apparatus

- Conforms to ASTM D36 and related test specifications
- Optical detectors for automatic measurement of softening point
- Data Storage: 200 Results
- Quick access to calibration parameters
- Auto diagnostic
- Four programmable preset test methods available
- Controllable heating rate and stirring speeds
- Preheating cycle
- Cooling by fan at the end of the test
- Waterproof heating element

## Specifications

Conforms to the specifications of:

ASTM D36; AFNOR T66-008; EN 1427; ISO 4625; NF EN 1427; IP 58; DIN 52011

## Included Accessories

Printer  
Glass Beaker (2)  
Shouldered Rings (10)  
Load Balls (10)  
Craddle  
Pt 100 Probe  
Detection Cable  
Stirrer  
RS232C Output

## Electrical Requirements

115V 60Hz  
230V 50Hz



*K87800 Auto Softening Point Apparatus*

## Dimensions wxdxh,in.(cm)

Adapter: 10¼x21x20 (26x53.5x50)

## Shipping Information

Shipping Weight: 44 lbs (20 kg)

## Ordering Information

### Catalog No.

<b>K87800</b>	Automatic Softening Point Apparatus, 115V 60Hz
<b>K87890</b>	Automatic Softening Point Apparatus, 230V 50Hz

### Accessories

<b>K87800-1</b>	Glass Beaker
<b>K87800-2</b>	Straight Rings, Pack of 10
<b>K87800-3</b>	Shouldered Rings, Pack of 10
<b>K87800-4</b>	Conical Rings, Pack of 10
<b>K87800-5</b>	Detection Lamp
<b>K87800-6</b>	Ring & Ball Cradle
<b>K87800-7</b>	PT 100 Probe
<b>K87800-8</b>	Heating Element, 1000W
<b>K87800-9</b>	Roll of Printer Paper
<b>K87800-10</b>	Load Ball, Pack of 10