

# ANILINE POINT AND MIXED ANILINE POINT OF PETROLEUM PRODUCTS

## Thin Film Aniline Point Apparatus

- Conforms to ASTM D611 and related specifications

For aniline point and mixed aniline point determinations according to Method B. Stirs aniline-sample mixture in a borosilicate glass thin film tube suspended in a heating bath. Thin film of mixture flows over a light well illuminated by a variable 6V lamp. Adjust heating rate per specifications using accessory Powertrol Heater. When lamp filament brightens inside well, allow mixture to cool until the two phases separate as indicated by obscuring of the lamp filament. Consists of thin film tube; 400mL Borosilicate Glass beaker; cover assembly with bath stirrer; sample pump rotor and cooling coil; 6V lamp with line cord; and drive motor. Positive drive pulley system rotates sample and bath stirrers. Accessory Powertrol Heater has variable stepless control and a reference dial for repeatable control of heating rate. Porcelain refractory top plate shields 1000W heater and has a positioning well for the Borosilicate Glass bath. Low voltage receptacle in heater housing accepts line cord of 6V lamp.

### Specifications

Conforms to the specifications of: ASTM D611; IP 2; ISO 2977;

DIN 51775; FTM 791-3601; NF M 07-021

Bath Medium: 400mL of heat transfer fluid  
(355-001-001 mineral oil is suitable for this application)

Electrical Requirements: **CE**

115V 60Hz, Single Phase, 6.5A

220-240V 50/60Hz, Single Phase, 13.4A

### Included Accessories

Thermometer Ferrules (2)

Clamps and Support Rod

**Dimensions** l x w x h, in. (cm)

14½ x 18½ x 20¾ (37 x 22 x 53)

Net Weight: 24 lbs (10.9kg)

### Shipping Information

Shipping Weight: 42 lbs (19.1kg)

Dimensions: 5.7 Cu. ft.



**K10190 Thin Film Aniline Point Apparatus**

## U-Tube Aniline Point Apparatus

- Developed by Standard Inspection Laboratories
- Similar to the Thin Film Aniline Point Apparatus but with 'U-Tube' aniline-sample tube and stirrer as developed by Standard Inspection Laboratories. Suitable for samples having 6.5 or lighter ASTM D1500 color. As illustrated in IP2-56, Method D. Consists of U-tube; 400mL Borosilicate Glass beaker; cover assembly with bath stirrer; sample stirrer and cooling coil; 6V lamp with line cord; and drive motor. Thermometer ferrules and mounting hardware are included. Accessory Powertrol Heater provides variable stepless control of heating rate and 6V tap for lamp.

Ordering Information		
Catalog No.		Order Qty
<b>K10190</b>	Thin Film Aniline Point Apparatus, 115V 60Hz	1
<b>K10191</b>	Thin Film Aniline Point Apparatus, 220-240V 50/60Hz	1
<b>K10020</b>	Powertrol Heater, 115V 60Hz	1
<b>K10029</b>	Powertrol Heater, 220-240V 50/60Hz	1
<b>Accessories</b>		
<b>250-000-33F</b>	ASTM 33F Thermometer Range: -36.5 to +107.5°F	2
<b>250-000-33C</b>	ASTM 33C Thermometer Range: -38 to +42°C	2
<b>250-000-34F</b>	ASTM 34F Thermometer Range: 77 to 221°F	2
<b>250-000-34C</b>	ASTM 34C Thermometer Range: 25 to 105°C	2
<b>250-000-35F</b>	ASTM 35F Thermometer Range: 194 to 338°F	2
<b>250-000-35C</b>	ASTM 35C Thermometer Range: 90 to 170°C	2

Ordering Information		
Catalog No.		Order Qty
<b>K10090</b>	U-Tube Aniline Point Apparatus 115V 60Hz	1
<b>K10091</b>	U-Tube Aniline Point Apparatus 220-240V 50/60Hz	1
<b>K10020</b>	Powertrol Heater, 115V 60Hz	1
<b>K10029</b>	Powertrol Heater, 220-240V 50/60Hz	1

For NIST traceable certified thermometers, please refer to the ASTM Thermometer section on pages 184 through 191.