Smoke Point of Kerosene and Aviation Turbine Fuel

Test Method
Smoke point is an indicator of the combustion qualities of aviation turbine fuels and kerosene. The fuel sample is burned in the Smoke Point Lamp, and the maximum flame height obtainable without smoking is measured.

Smoke Point Lamp
• Conforms to ASTM D1322 and related specifications
Burns fuel samples under controlled conditions for smoke point determinations of aviation turbine fuels and similar products. Consists of brass lamp body with chimney; gallery; 0-50mm black glass scale with white markings; brass plated door with curved glass window; candle socket; and plated brass candle with wick tube and air vent. Mounted on a cast iron base with aluminum support rod.

### Ordering Information

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Order Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>K27000</td>
<td>Smoke Point Lamp</td>
<td>1</td>
</tr>
<tr>
<td>K27020</td>
<td>Cotton Wicks, pack of 12</td>
<td>1</td>
</tr>
<tr>
<td>K27050</td>
<td>Sighting Device</td>
<td>1</td>
</tr>
<tr>
<td>K27060</td>
<td>Wick Insertion Tool</td>
<td>1</td>
</tr>
<tr>
<td>K27065</td>
<td>Wick Trimmer</td>
<td>1</td>
</tr>
<tr>
<td>K27010</td>
<td>Interchangeable Candle</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**
- K27021 Extracted Cotton Wicks
  Prepared in accordance with ASTM D1322 (9.2) requirements. Packed in a sealed tube with desiccant. Case of 12

- K27060 Wick Insertion Tool
  Facilitates insertion of cotton wick into wick tube

- K27065 Wick Trimmer
  Use together with K27060 Insertion Tool to place wick at the correct height in the wick tube, free of twists and frayed ends.

Automatic Smoke Point Apparatus available. Inquire with Koehler Customer Service.

### Specifications
Conforms to the specifications of:
- ASTM D1322; ISO 3014; IP 57;
- DIN 51406; FTM 791-2107; NF M 07-028

**Included Accessories**
- Cotton Wicks, non-extracted (6)
- Interchangeable Candle

**Dimensions**
- dia.xh,in.(cm) 7x18½ (18x47)
- Net Weight: 10 lbs (4.5kg)

**Shipping Information**
- Shipping Weight: 16 lbs (7.3kg)
- Dimensions: 5 Cu. ft.