

# 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

catalog no.	description	
K27000	Smoke Point Lamp	1
	<b>accessories</b>	
K27021	Extracted Cotton Wicks Prepared in accordance with ASTM D1322 (9.2) requirements. Packed in a sealed tube with desiccant. Case of 12	
K27020	Cotton Wicks, pack of 12	
K27050	Sighting Device Installs on chimney of Smoke Point Lamp. Eliminates parallax	1
K27060	Wick Insertion Tool Facilitates insertion of cotton wick into wick tube	1
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.	1
K27010	Interchangeable Candle	

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



K27000 Smoke Point Apparatus with  
K27050 Sighting Device and K27060 Wick Insertion Tool

## 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)  
7x18.5 (18x47)  
Net Weight: 10 lbs (4.5kg)

### Shipping Information

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