

## SMOKE POINT

### 10400-0 SETA SMOKE POINT APPARATUS

ASTM D1322; IP 57; BS 2000 Part 57; ISO 3014; NF M07-028

- Robust construction
- Clear scale

An instrument for determining the smoke point of kerosine and aviation turbine fuel by measuring the maximum flame height prior to smoke formation and comparing the results with those of known standards.

The smoke point gives an indication of aromatic content and radiant heat transfer characteristics and has good correlation with ASTM D1740 (Luminometer number).

Comprises a tripod stand, lamp body, and chimney. The measuring scale is viewed through a curved glass window on the front of the instrument. A mirror (10450-0) can be attached to the chimney to aid smoke detection.

SUPPLIED WITH: candle assembly and certified wick.

SPECIFICATIONS	
Size (HxWxD):	47 x 21 x 19cm
Weight:	2.6kg

CONSUMABLES - Smoke Point App.	
	Qty
10400-004 WICK TUBE .....	1



CALIBRATION & VERIFICATION MATERIALS



10400-0 with 10450-0 Mirror (Supplied separately)

#### ACCESSORIES - Smoke Point Apparatus

##### REQUIRED

10450-0 SETA MIRROR, for fixing to chimney to detect first indication of smoke.

##### OPTIONAL

10410-0 SETA WICK TRIMMER, inserts wick and automatically sets to correct length.

10425-0 WICK EXTRACTION APPARATUS, (for details see below).

10430-0 SETA INSTRUMENT CASE, for lamp assembly, stand and five candles.

##### CALIBRATION, VERIFICATION & TRAINING

99850-0 MULTI-TEST VERIFICATION MATERIAL, ASTM D1322 Kerosine, (for details see page 150).



10410-0

### 10425-0 WICK EXTRACTION APPARATUS

ASTM D1322; IP 57

- Simple and safe to use
- In accordance with test method

The test methods require that wicks used in the smoke point apparatus are extracted in a 50/50 mix of toluene and anhydrous methanol.

The 14025-0 comprises a 60ml soxhlet extractor, condenser, 500ml glass flask, flask heater, stand and clamp.

SPECIFICATIONS	
Power:	200W
Voltage:	110/120V, 50/60Hz 220/240V, 50/60Hz
Size (HxWxD):	45 x 30 x 15cm
Weight:	3kg



TECHNICAL DATASHEETS AVAILABLE

#### ACCESSORIES - Wick Extraction Apparatus

##### OPTIONAL

99200-2 LABORATORY OVEN, (for details see page 137).

99205-0 DESSICATOR, 200ml and Disc, (for details see page 137).

Note: Other items which may be required include: Toluene and Anhydrous methyl alcohol.



10425-0