



P5656

PENSKY MARTENS FLASH POINT APPARATUS

FEATURES

- Ambient to 370°C temperature range
- Variable ramp rate
- Two speed stirrer
- Forced air cooling facility
- Supplied with sample cup, lid and shutter stand and instruction manual.

DESCRIPTION

Cussons P5656 electrically heated flash point apparatus is designed to determine the flash point of petroleum products with flash points above 49°C (120°F) and in so doing conforms to the following standards:

Method(s): FTM 791 1102; AASHTO T73-811; BS 2000 Parts 35 & 404 (obs); ISO 15267; ISO 2719; EN 22719; IP 404 (obs); IP 35; IP 34; ASTM E502; ASTM D93; BIS IS 1448 Part 21

The apparatus consists essentially of a cast-iron stove with test cup, lid and shutter assembly mounted on a stainless steel encased control unit with the main power switch and heater controller located on the front panel. Handles are provided for lifting the cup and lid, and a vertically located, cam locking device ensures safe and secure mounting of the lid and shutter assembly.

A stirrer motor is incorporated to agitate the liquid under test and is controlled by a pushbutton on the top panel of the control unit. Immediately behind the pushbutton are two motor drive outputs which connect to the test cup via the curved flexible drive - changeover being made simply by lifting the cable drive from one outlet and placing it in the other. The stove is fitted with an easily replaceable base and band heaters, so arranged that all parts of the exterior surface are heated uniformly, while accelerated cooling, after flash point determination, is provided by an air inlet connection, which leads to the interior of the stainless steel baffle surrounding the heaters. The unit is also fitted with an integral, rechargeable LPG gas tank.



Manual Temperature Control Mode

P5656-01: Thermometer Ferrule and Adaptor to mount thermometers

P5656-02: IP15C Thermometer with Certificate of Conformity

P5656-03: IP16C Thermometer with Certificate of Conformity
ASTM Thermometer with Certificate of Conformity

Automated Temperature Control Mode

P5656-04: Automated Temperature Controller

P5656-05: Probe Assembly for Ramp Controller (P5656-04)

Optional accessories

P5656-06: Open Flash Clip and Collar

P5656-07: Portable Gas Tank

P5656-08: Vent Draught Shield

P5656-09: Portable Digital Barometer

Calibration & Verification

P5656-10: MTVM - Gas Oil 500ml

P5656-11: Digital Photo Tachometer

P5656-12: Multi Test CRM - Diesel Oil 500ml

INSTALLATION REQUIREMENTS

Power supply of 220/240V 50Hz, please advise if your requirements are different

DIMENSIONS AND WEIGHTS

	Nett Weight		Length		Width		Height	
	kg	lb	m	in	m	in	m	in
P5656	8	12.3	0.3	12	0.25	10	0.3	12

cussons
TECHNOLOGY









 Explore our website!
www.cussons.co.uk

The company may alter specifications as its discretion and without notice, in line with its policy of continuous development