

Setaflash Series 3 Open Cup Flash Point Tester

Part Number 31000-0

The Setaflash Series 3 Open Cup Flash Point Tester is an easy to use instrument for flash/no flash, finite determinations or sustained combustion tests. Similar in design to the 30000-0 Setaflash 3, the instrument allows testing at any specific temperature within a range of ambient to 300°C.

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Bio fuel compatible



Calibration and verification equipment available



FEATURES

- > Ambient to 300°C
- > Flash point test in 1 minute
- > Small sample size - 2 ml
- > Audible and on-screen prompts
- > Portable operation
- > Simple calibration

METHODS

ASTM D4206, BS 3900-A11, CFR 49-173.120 Appendix H, CLP Regulations EC No 1272/2008, IATA Dangerous Goods Regs. Section 3.3.4, IP 602, ISO 9038, UN Class 3 Test L2

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ADDITIONAL INFORMATION

A manually operated flame sweeping arm is fitted to the cup of the Series 3 flash point tester and gas is supplied from the integral tank via the control valve. The flash or sustained combustion characteristics of the sample are observed visually by passing the test flame over the sample.

Supplied with: 2ml syringe, igniter, test flame height gauge, mains lead, and instruction manual.

SPECIFICATIONS

Temperature range	Ambient to 300°C
Sample Size	2 ml
Test time	1 minute for flash points up to 100°C 2 minutes for flash points above 100°C
Temperature measurement	0.5°C resolution 0.5°C accuracy
Default values:	
Cup Material	Blackened Aluminium
Voltage	110/120 V or 220/240 V, 50/60 Hz (switchable) or 12 V using optional power supply
Size (HxWxD)	26 x 28 x 26 cm
Weight	5 kg
CCCN Code:	Tariff 90268020

DETAILS OF METHODS

BS 3900-A11	Small scale test for combustibility
UN Class 3 Test L2	Closed Cup Flash Point Testing
CFR 49-173.120 Appendix H	Ability of Liquid Paints to Sustain Combustion (Open Cup)
IATA Dangerous Goods Regs. Section 3.3.4	Ability of Liquid Paints to Sustain Combustion (Open Cup)
IP 602	Determination of sustained combustibility of liquids
CLP Regulations EC No 1272/2008	European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
ASTM D4206	Sustained Burning of Liquid Mixtures by setaflash Tester (Open Cup)
ISO 9038	Determination of sustained combustibility of liquids

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