Setaflash

Measuring Flash Point

Product quality - as a measure of consistency and performance comparison

Compliance testing - to test safety classification for handling, storage, transport and waste.

In-service analysis - tests on in-use oils and other substances for contamination/adulteration

General safety - to evaluate hazard potential

Specifications - to check conformance

Setaflash Advantages

Rapid - provides a result in just 1 or 2 minutes (other methods may take 50 mins)

Small sample size - requires only 2 or 4 ml of sample (other methods require 75ml)

Automatic flash detection - for consistent results with no guesswork

Easy and reliable to use - flash/no flash test requires minimum skill for a reliable result

Portable - lightweight and compact design, just take it to the sample

Versatile - wide temperature range in closed and open cup models

Cost effective - the Setaflash range is designed to meet all budgets

Applications

EN 14213 Bio-heating fuels
EN 14214 Biodiesel
ASTM D396 Fuel Oil
ASTM D975 Diesel
ASTM D1655 Aviation Turbine Fuels
ASTM D2880 Gas Turbine Fuel
ASTM D3699 Kerosene
UN Class 3 Dangerous goods
DEFSTAN 91-91 Jet Fuel

Setaflash is also included in international specifications for lubricants, solvents, lacquers, paints, resins, varnishes, soaps, waste materials and many other products.

Also available for flash point testing...

Multiflash

Automatic Multi-method flash point testers

- Strict conformity to test methods
- Fast & reliable performance
- Fully automatic, easy to use
- Low cost
- In-built safety
- Universal operation

PENSKY MARTENS

(A and B Closed Cup)

ASTM D93; E502; IP 34; IP 404; BS 2000 Parts 34 & 404; ISO 15267; EN ISO 2719; JIS K2265; NF M07-019; DIN 51 758; FTM 791 1102; EPA 101A; GB/T 261

TAG

(Closed Cup)

ASTM D56; D3934; D3941; E502; IP 304 (obs) Parts 1 & 2; IP 491: IP 402; ISO 1516; ISO 1523; FTM 791 1101; JIS K2265

ABEL

(Closed Cup & Equilibrium)

IP 170; IP 304 (obs) Parts 1 & 2; IP 491; IP 492; BS 2000 Part 170; BS 3900 Parts A8 & A9; BS 6664 Parts 1 & 2; EN ISO 13736; ISO 1523

CLEVELAND

(Open Cup)

ASTM D92; IP 36; EN ISO 2592; BS 2000 Parts 36 & 403; DIN 51 376; T60-119; JIS K2265; AASHTO T48

SMALL SCALE

Rapid Equilibrium (Setaflash) Closed Cup

ASTM D3278; D3828; D7236; E502; IP 303 (obs) Parts 1&2; IP 523; IP 524; IP 534; ISO 3679; ISO 3680; BS EN 456; BS 6664 Parts 3 & 4; BS 3900 Part A13; UN Class 3 Non-viscous Flammable Liquids: CHIPS Regulations; Classification of Dangerous Goods for Carriage: Viscous & Non-viscous Liquids; EPA 1020 A & B

For more information visit www.stanhope-seta.co.uk

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www.stanhope-seta.co.uk

Laboratory instruments for quality control, analysis and calibration

seta biofuel testing
www.biofueltesting.com
Test instruments for Biofuels Analysis

SetaAnalytics
www.seta-analytics.com
Analytical solutions for Hydrocarbon Petroleum products

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Setaflash

Small Scale Flash Point Testing

- Rapid results
- Small sample size
- Easy and reliable to use
- Wide temperature range in 'closed' and 'open' cup models
- Cost effective

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Setaflash Flashpoint Testers

The fastest, most cost-effective way to check flash point

Setaflash Series 3

ASTM D3278; D3828; D7236; IP 523; IP 524; IP 534;
ISO 3679; ISO 3680; BS3900 Part A13; UN Class 3
Non-viscous flammable liquids

Portable

Simple to use

Small Sample Size

SETAFLASH 'SERIES 3' OPEN CUP TESTER

- For rapid determination of actual flash point
- Sustained combustion tests

31000-0

SETAFLASH 'SERIES 3' active cool

- For fastest test operation
- Integral electronic cooling
- Temperature ramp control
- Optional corrosion resisting cup

33200-2

SETAFLASH 'SERIES 3' CLOSED CUP TESTER

- Flash / No flash testing
- Wide application
- Low cost

30000-0

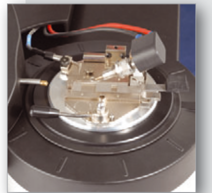
33000-0

SETAFLASH 'SERIES 3' Plus

- Ramp mode or rapid equilibrium testing

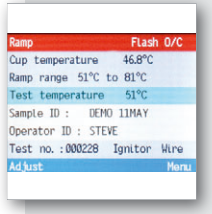
Setaflash Series 8

ASTM D3278; D3828; D7236; E502; IP 523; IP 524; IP 534;
ISO 3679; ISO 3680; BS 3900 Part 13; BS 6664 Parts 3 & 4;
UN Class 3 Non-viscous Flammable Liquids; CHIPS
Regulations; EPA 1020 A & B



Electrical Ignitor

Easy to use Menu System



Series 8 Closed Cup Tester

Series 8 'ActiveCool' Closed Cup Tester

Series 8 'ActiveCool' (Corrosion Resisting)

- Flash/No Flash & Ramp modes
- Electric ignitor (with gas option)
- Automatic dipping and flash detection
- ActiveCool electronic Peltier cooling
- 64 Test memory & RS232 interface
- °C or °F temperature display

Seta Part No:	33200-2	33250-2	33000-0	30000-0	82100-0	82150-0	82000-0
Temperature Range:	10 to 130°C (50 to 266°F)	10 to 130°C (50 to 266°F)	Ambient to 300°C (0 to 300°C with 13870-0)	Ambient to 300°C (0 to 300°C with 13870-0)	Air: 10 to 130°C (50 to 266°F) Water Assisted: -20 to 130°C (-4 to 266°F)	Air: 10 to 130°C (50 to 266°F) Water Assisted: -20 to 130°C (-4 to 266°F)	Ambient +5 to 300°C (Ambient +9 to 572°F)
Test Modes:	Rapid Equilibrium and Ramp	Rapid Equilibrium and Ramp	Rapid Equilibrium and Ramp	Rapid Equilibrium	Rapid Equilibrium and Ramp	Rapid Equilibrium and Ramp	Rapid Equilibrium and Ramp
Sample Size:	2 or 4ml according to method	2 or 4ml according to method	2 or 4ml according to method	2 or 4ml according to method	2 or 4ml according to method	2 or 4ml according to method	2 or 4ml according to method
Test Duration, Rapid Equilibrium Mode:	1 minute <100°C, 2 minutes >100°C FAME 1 minute or user defined 1 to 99 minutes	1 minute <100°C, 2 minutes >100°C FAME 1 minute or user defined 1 to 99 minutes	1 minute <100°C, 2 minutes >100°C FAME 1 minute or user defined 1 to 99 minutes	1 minute <100°C, 2 minutes >100°C FAME 1 minute or user defined 1 to 99 minutes	1 minute <100°C, 2 minutes >100°C FAME 1 minute or user defined 1 to 99 minutes	1 minute <100°C, 2 minutes >100°C FAME 1 minute or user defined 1 to 99 minutes	1 minute <100°C, 2 minutes >100°C FAME 1 minute or user defined 1 to 99 minutes
Cup material	Aluminium	Corrosion Resisting Steel	Aluminium	Aluminium	Aluminium	Corrosion Resisting Steel	Aluminium