SETA STANHOPE-SETA

Setaflash Small Scale Flash Point Testing

Setaflash® Series 3

The safest choice

Approved in over 1000 international product specifications and regulations

- ISO 3679; ISO 3680 (obs); ISO 9038
- ASTM D3278; D3828; D4206; D7236; D8174; EPA 1020 B&C; SW-846
- IP 523; 524; 534; 602; BS 2000-523

1 minute test • 2 ml sample • 0 to 300 °C • Portable • Precise

P.O. Box 1128
Granger, IN 46530

Lazar Scientific, Inc.

574-271-7020
sales@lazarsci.com
www.lazarsci.com

COMMITTED TO YOU 25 YEARS EST. 1998

Setaflash Small Scale Flash Point Testing

Why use Setaflash Series 3?

- Conforms to international regulations
- 1 or 2 minutes test time
- 2 ml sample
- 10 to 135 °C or ambient to 300 °C

Key features

- Compact, portable and rugged design
- Best published precision of any flash point method
- Suitable for unknown samples using ramp mode
- Automated flash detection
- Automatic barometric pressure correction
- USB port and result storage
- Electric ignitor or gas (model dependant)
- Low cost of purchase and maintenance

Where can I find more information?

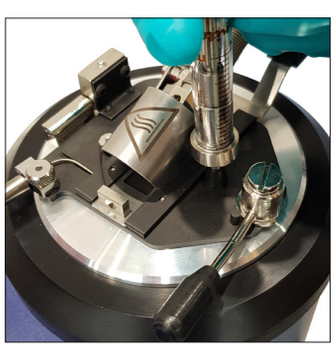
Learn more about flash point testing:

www.stanhope-seta.co.uk/flash-point-testing-explained

Operator sequence

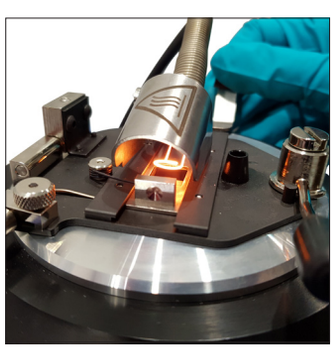
4 easy steps:

Select test temperature



Inject 2ml sample

Press ▶



Dip the ignitor, flash

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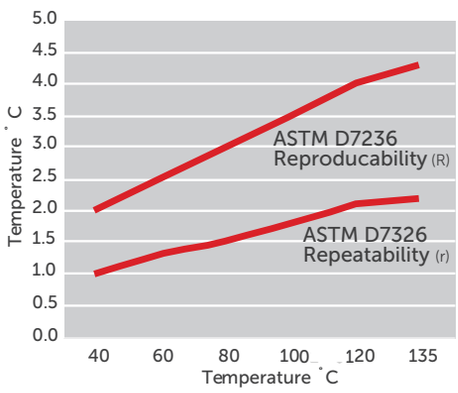
Trusted Precision and Accuracy

- The most precise flash point test
- Proven performance
- Approved in an extensive range of specifications and regulations



USB Data Transfer

- 1 GB data capacity, holding 100,000 results
- Results can be saved to a USB stick

Calibration and Verification

- Software enables the user to calibrate temperature and barometric pressure
- Verification through Seta's Small Scale Certified Flash Point material (reference 99878-3)

Small Sample - 2 ml

- Small sample size of only 2 ml
- Reduces costs and waste per test

Service and Maintenance

- Rugged design
- Minimum maintenance

Rapid Results in just 1 or 2 Minutes

- Fastest method of checking flash point
- Results determined in just one or two minutes
- Maximises operability

Search for the Flash Point

˚C/min

- Test unknown samples using ramp mode
- User adjustable ramp rates & dip interval

Technical Specifications:			❄	❄
Seta Part Number:	30000-3	30020-0	33200-3, 33250-3	33220-0, 33270-0
Cup:	Closed	Closed	Closed	Closed
Material:	Aluminium	Aluminium	Aluminium or stainless steel insert	Aluminium or stainless steel insert
Ignitor:	Gas	Electric	Gas	Electric
Temperature Range:	Ambient to 300 °C	Ambient to 300 °C	10 to 135 °C	10 to 135 °C
Temperature Ramp Mode:	Automatic or custom settings (ramp rate: up to 6 °C/min and beep rate: up to 5 °C/B intervals) Extended test range, 100 °C from start temperature	Automatic or custom settings (ramp rate: up to 6 °C/min and beep rate: up to 5 °C/B intervals) Extended test range, 100 °C from start temperature	Automatic or custom settings (ramp rate: up to 6 °C/min and beep rate: up to 5 °C/B intervals) Extended test range, 100 °C from start temperature	Automatic or custom settings (ramp rate: up to 6 °C/min and beep rate: up to 5 °C/B intervals) Extended test range, 100 °C from start temperature
Temperature Selection:	°C or °F	°C or °F	°C or °F	°C or °F
User Interface:	Colour LCD display - touch screen sensitive	Colour LCD display - touch screen sensitive	Colour LCD display - touch screen sensitive	Colour LCD display - touch screen sensitive
Navigation:	Control knob (rotational and push-down)	Control knob (rotational and push-down)	Control knob (rotational and push-down)	Control knob (rotational and push-down)
Data Storage and Download:	1 GB (internal memory and integrated USB port)	1 GB (internal memory and integrated USB port)	1 GB (internal memory and integrated USB port)	1 GB (internal memory and integrated USB port)
Sample Size:	2 ml or 4 ml	2 ml or 4 ml	2 ml or 4 ml	2 ml or 4 ml
Pressure Correction:	Automatic barometric correction	Automatic barometric correction	Automatic barometric correction	Automatic barometric correction
Voltage Supply:	110 to 250 V a.c~50/60 Hz (universal)	110 to 250 V a.c~50/60 Hz (universal)	110 to 250 V a.c~50/60 Hz (universal)	110 to 250 V a.c~50/60 Hz (universal)
Power:	200 W (Max.)	200 W (Max.)	200 W (Max,)	200 W (Max,)
Size (HxWxD) /	19.5 x 29.5 x 14 cm	19.5 x 29.5 x 14 cm	19.5 x 29.5 x 14 cm	19.5 x 29.5 x 14 cm

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Products & Specifications

Diesel | Aviation Fuel | Marine Fuel | Biodiesel | FAME | Chemicals | Pharmaceuticals | Paints | Cosmetics | Waste Flavours | Inks | Waxes | Adhesives | Oils - Lubricating, Hydraulic, Base, Mineral, Used/Cooking Oils | Pastes

Applications

QC	
Quality Control	Transport & Storage Regulations
CLP	
CLP Regulations	Waste Disposal Regulations

Application:	Test Method:	Who Says So:
Transport Regulation	Small Scale, other Closed Cups	UN GHS; IATA; ADR; IMDG; CLP; DOT CFR 49-173.120
Aviation Turbine Fuel	Small Scale, Abel, Tag, Pensky-Martens	ASTM D1655; Def Stan 91-91; IATA Guidance Material; ATA 103; AFQRJOS
Gas Turbine Fuel	Small Scale, Pensky-Martens	ASTM 2880
Diesel Fuel	Small Scale, Pensky-Martens	ASTM D975; D7467
Kerosines	Small Scale, Tag	ASTM D3699
Biodiesel	Small Scale	EN14213; EN14214; ASTM D6751
Fuel Oil	Small Scale, Pensky-Martens A&B	ASTM D396; ISO 8217
Naphthas	Small Scale, Tag	ASTM D3734; D3735
Health & Safety	Small Scale	OSHA 29 CFR 1910.106 & 1200; CPSC CFR 16-1500 43a
Water Borne Paints	Small Scale	ISO 3679; ISO 3680
Waste Products	Small Scale	EPA 1020 B; CFR40 261.21; ASTM D8174; 2008/98/EC

"For us the Setaflash Tester is a valuable piece of kit and we'd struggle without it. Our main use is to detect whether a waste is hazardous or not, as this can have knock on effects in terms of cost, safety, compliance and potential processing routes. It's very useful to have it at hand as sending samples out for off site analysis simply would not be an option at times, due to potentially lengthy turn around times."

Nick Richardson,
Laboratory Supervisor, Castle Environmental

Discover the entire Setaflash Range

Seta Model:	Seta Part No:	Temperature Range:	Ignitor:	Heating/Cooling Method:
Series 3 Closed Cup	30000-3	Ambient to 300 °C *(0 to 300 °C with coolant module)	Gas	Cartridge Heater
Series 3 Open Cup	31000-0	Ambient to 300 °C *(0 to 300 °C with coolant module)	Gas	Cartridge Heater
Series 3e Closed Cup	30020-0	Ambient to 300 °C *(0 to 300 °C with coolant module)	Electric	Cartridge Heater
Series 3 Activecool	33200-3	10 to 135 °C	Gas	Peltier Cell
Series 3 Activecool (Corrosion Resistant)	33250-3	10 to 135 °C	Gas	Peltier Cell
Series 3e ActiveCool	33220-0	10 to 135 °C	Electric	Peltier Cell
Series 3e ActiveCool (Corrosion Resistant)	33270-0	10 to 135 °C	Electric	Peltier Cell
Series 8 High Temperature	82000-2	Ambient +5 to 300 °C	Electric	Ceramic Pad, Forced Air (post-test cool down)
Series 8 High Temperature	82050-2	Ambient +5 to 300 °C	Gas	Ceramic Pad, Forced Air (post-test cool down)
Series 8 Activecool	82100-2	-30 to 135 °C	Electric	Peltier cell
Series 8 Activecool	82110-2	-30 to 135 °C	Gas	Peltier cell
Series 8 Activecool (Corrosion Resistant)	82150-2	-30 to 135 °C	Electric	Peltier cell
Series 8 Activecool (Corrosion Resistant)	82160-2	-30 to 135 °C	Gas	Peltier cell

> 30000-3

> 82100-2

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