SETA STANHOPE-SETA

Automated Setaflash Small Scale Flash Point Testing

Setaflash® Series 8

The safest choice

Approved in over 1000 international product specifications and regulations

- ASTM D3278; D3828; D7236; E502
- IP 523; IP 524; IP 534
- ISO 3679; ISO 3680
- UN Class 3 Non-viscous Flammable Liquids; CLP Regulations

1 minute test • 2 ml sample • -30 to 300 °C • Automatic • Conforms

Stanhope-Seta, London Street, Chertsey, Surrey, KT16 8AP, UK

t: +44 (0) 1932 564391 | e: sales@stanhope-seta.co.uk | www.stanhope-seta.co.uk

Automated Setaflash Small Scale Flash Point Testing

Why use Setaflash Series 8?

- Simple operation
- Conforms to international regulations
- 1 or 2 minutes test time
- 2 ml sample
- -30 °C to 300 °C, no external cooling
- Electric or gas ignition models
- Fire detection (ActiveCool models)
- USB port and result storage

Key features

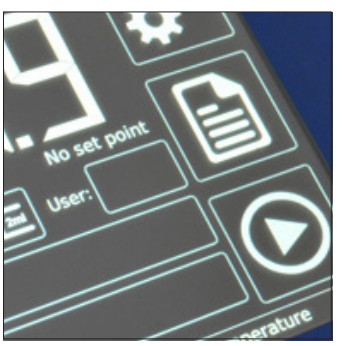
- Best published precision of any flash point method
- Suitable for unknown samples using ramp mode
- Automatic dipping and flash detection
- Automatic barometric pressure correction
- Flash/No flash mode to determine whether a product will or will not flash at a specified temperature

Operator sequence

4 easy steps:

Select test temperature

Inject 2ml sample



Press ▶

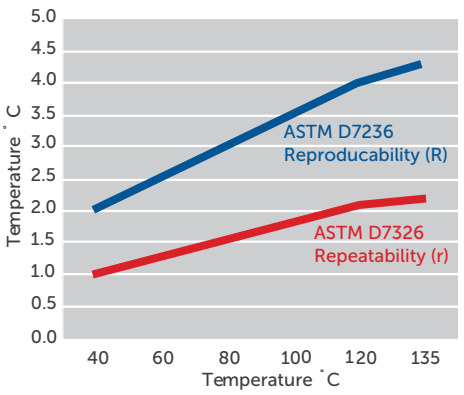
Automatic dip of ignition source and flash detection

Stanhope-Seta, London Street, Chertsey, Surrey, KT16 8AP, UK
t: +44 (0) 1932 564391 | e: sales@stanhope-seta.co.uk | www.stanhope-seta.co.uk

Automated Setaflash Small Scale Flash Point Testing

Trusted Precision and Accuracy

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



Ease of Use

- Colour LCD display
- Simple menu with touchscreen navigation
- 1 GB internal memory

Small Sample - 2 ml

- Reduces costs and waste per test
- Safety

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 and 99879-0)

Rapid Results

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

Search for the Flash Point

˚C/min

- Test unknown samples using ramp mode
- 2 °C per minute
- Active Cool model incorporates Peltier cell technology for rapid and precise heating and cooling, no external water bath

Service and Maintenance

- Annually: Calibrate instrument
- Six monthly: Check verification of temperature and pressure

Stanhope-Seta, London Street, Chertsey, Surrey, KT16 8AP, UK

t: +44 (0) 1932 564391 | e: sales@stanhope-seta.co.uk | www.stanhope-seta.co.uk

Automated Setaflash Small Scale Flash Point Testing

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 Regulations	Waste Disposal Regulations

"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

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	ASTM D1655; Def Stan 91-91; IATA Guidance Material; ATA 103; AFQRJOS
Gas Turbine Fuel	Small Scale, Pensky-Martens	ASTM D2880
Diesel Fuel	Small Scale, Pensky-Martens	ASTM D975; D7467
Kerosines	Small Scale, Tag	ASTM D3699
Biodiesel	Small Scale	EN14213; EN14214; ASTM D6751
Environmental	Small Scale	EPA 1020 A&B; EPA CFR40 261.21
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	91/689/EEC

Technical Specifications

Part Number	82000-2	82050-2	82100-2	82110-2	82150-2	82160-2
Temperature range	Ambient +5 to 300 °C	Ambient +5 to 300 °C	-30 to 135 °C	-30 to 135 °C	-30 to 135 °C	-30 to 135 °C
Ignitor	Electrical hot wire	Gas	Electrical hot wire	Gas	Electrical hot wire	Gas
Sample cup material	Aluminium	Aluminium	Aluminium	Aluminium	Corrosion resisting steel	Corrosion resisting steel
Heating/cooling method	Ceramic pad, forced air	Ceramic pad, forced air	Peltier cell	Peltier cell	Peltier cell	Peltier cell
Computer interface	RS232C	RS232C	RS232C	RS232C	RS232C	RS232C
Voltage	110 to 250V, 50/60 Hz	110 to 250V, 50/60 Hz	110 to 250V, 50/60 Hz	110 to 250V, 50/60 Hz	110 to 250V, 50/60 Hz	110 to 250V, 50/60 Hz
Power	300 W	300 W	300 W	300 W	300 W	300 W
Size (HxWxD) mm	300 x 340 x 380	300 x 340 x 380	300 x 340 x 380	300 x 340 x 380	300 x 340 x 380	300 x 340 x 380
Weight kg	8	8	8	8	8	8

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

Stanhope-Seta, London Street, Chertsey, Surrey, KT16 8AP, UK

t: +44 (0) 1932 564391 | e: sales@stanhope-seta.co.uk | www.stanhope-seta.co.uk | Issue 3