



# SETAFLASH 'SERIES 8'

## PRELIMINARY INFORMATION

Automated flash point testing of liquids and semi-solids using the Rapid Equilibrium and Small Scale Ramp methods in accordance with ASTM D7236, D3278, D3828; IP 523, 524, 534; ISO 3679, 3680; BS 6664 Parts 3 & 4; BS 3900 Part 13; ASTM E502; UN Class 3 Non-viscous Flammable Liquids; CHIPS Regulations; EPA 1020 A and B



### 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

In Europe Setaflash is the only flash point instrument specified in the product specifications for FAME Heating and Automotive fuels

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

### The fastest way to measure flash point

- SMALL SAMPLE SIZE, 2 OR 4ML
- RAPID COOL DOWN
- FLASH/NO-FLASH & RAMP MODES
- ELECTRIC IGNITOR (WITH GAS OPTION)
- AUTOMATIC FLASH DETECTION
- ACTIVECOOL ELECTRONIC PELTIER COOLING
- 64 TEST MEMORY & RS232 INTERFACE
- °C OR °F TEMPERATURE DISPLAY
- INTEGRAL BAROMETER & AUTO CORRECTION



**STANHOPE-SETA**



# TECHNICAL EXCELLENCE FROM STANHOPE-SETA

## Test Methods

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

## SETAFLASH

'Series 8' is the latest range of Setaflash instruments, updating the popular and widely used Series 7 models and now incorporating many advanced features.

The new instrument range uses either an electronic ignitor or gas flame according to user preference. An ActiveCool version incorporates peltier heating and cooling which will rapidly reduce the cup temperature after a test is completed, allowing fast sample removal and shorter test cycle.

Peltier cooling also allows testing at or below ambient temperature.

The standardised integral temperature 'ramp' mode automatically increases the temperature of the sample until a flash is detected

Other new features include colour LCD screen and soft key controls, 64 results memory with operator & sample references. PC, LAN & printer connections.

Software upgrades possible via local PC.

## The Setaflash Series 8 instrument range:

- 82000-0** Setaflash 'Hightemp'  
Ambient to 300°C with air cooling.
- 82100-0** Setaflash 'ActiveCool' model  
-20 to 130°C. Peltier heating & cooling  
(Air: 10 to 130°C or Water Assisted: -20 to 130°C)
- 82150-0** As 82100-0 but fitted with corrosion resistant cup

A comprehensive range of accessories are available for Setaflash instruments, including: calibration materials, sample removal apparatus & printer

## Series 8 Technical Specification

Sample size:	2 or 4ml according to method
Ignition:	Electronic Ignitor or gas
Test Modes:	Rapid Equilibrium and Ramp
Test Duration/RE Mode:	1 minute below 100°C, 2 minutes above 100C, FAME 1 minute or user defined 1 to 99 minutes
Test Duration/Ramp Mode:	Typically 7 minutes
Cool down time:	80 to 20°C in 4 minutes (82100-0 & 82150-0)
Computer Interface:	RS232C, USB & LAN option
Power:	500W (maximum)
Voltage:	100 to 250V, 50/60 Hz (switchable)
Size (HxWxD):	30x34x38cm
Weight:	8 kg



# STANHOPE-SETA

Tel: +44 (0)1932 564391 Fax: +44 (0)1932 568363

E-mail: [sales@stanhope-seta.co.uk](mailto:sales@stanhope-seta.co.uk) Website: [www.stanhope-seta.co.uk](http://www.stanhope-seta.co.uk)