

Setaflash™ Series 8 Active Cool

The safest choice

Approved in over 1000 international product specifications and regulations

- ISO 3679; 3680 (obs)
- ASTM D3278; D3828; D7236; D8174; EPA 1020 A & B
- IP 523; 524; 534; BS 2000-523

- -30 °C to 135 °C, **no external cooling**
- 2 ml sample
- Peltier heating and cooling
- 1 minute test
- Electric or gas ignition models
- Simple operation
- Fast and extended search mode
- Best published precision of any flash point method
- Suitable for unknown samples using ramp mode
- Automated flash detection
- Automatic barometric pressure correction
- Fire detection (alarm and relay)
- USB port and result storage



Diesel • Aviation Fuel • Marine Fuel • Biodiesel • FAME
Chemicals • Pharmaceuticals • Paints • Cosmetics • Pastes
Waste • Flavours • Inks • Waxes • Adhesives • Oils

Technical Specifications

Seta model	Series 8 ActiveCool 82100-2	Series 8 ActiveCool 82110-2	Series 8 ActiveCool (corrosion resisting) 82150-2	Series 8 ActiveCool (corrosion resisting) 82160-2
Operation				
Temperature range	-30 to 135 °C	-30 to 135 °C	-30 to 135 °C	-30 to 135 °C
Units of temperature	°C °F	°C °F	°C °F	
Ignitor	Electric	Gas	Electric	Gas
Cup	Closed	Closed	Closed	Closed
Sample cup material	Aluminium	Aluminium	Stainless steel insert	Stainless steel insert
Heating/cooling method	Peltier cell	Peltier cell	Peltier cell	Peltier cell
Measurement time	1 or 2 minutes	1 or 2 minutes	1 or 2 minutes	1 or 2 minutes
Sample volume	2 ml or 4 ml	2 ml or 4 ml	2 ml or 4 ml	2 ml or 4 ml
Temperature ramp mode	Automatic or custom settings (ramp rate up to 10 °C/min)	Automatic or custom settings (ramp rate up to 10 °C/min)	Automatic or custom settings (ramp rate up to 10 °C/min)	Automatic or custom settings (ramp rate up to 10 °C/min)
Pressure correction	Automatic	Automatic	Automatic	Automatic
Data management				
Data storage	1 GB internal memory	1 GB internal memory	1 GB internal memory	1 GB internal memory
Results download	Integrated USB port/ RJ45	Integrated USB port/ RJ45	Integrated USB port/ RJ45	Integrated USB port/ RJ45
Interface				
User interface	Colour LCD display	Colour LCD display	Colour LCD display	Colour LCD display
Navigation	Touchscreen	Touchscreen	Touchscreen	Touchscreen
Power requirements				
Voltage	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	300 W (Max)	300 W (Max)	300 W (Max)	300 W (Max)
Physical				
Size (HxWxD)	300 x 340 x 380 mm	300 x 340 x 380 mm	300 x 340 x 380 mm	300 x 340 x 380 mm
Weight	8 kg	8 kg	8 kg	8 kg

Operator sequence

4 easy steps:



Select test temperature



Inject 2ml sample



Press 



Automatic dip of ignition source and flash detection