

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

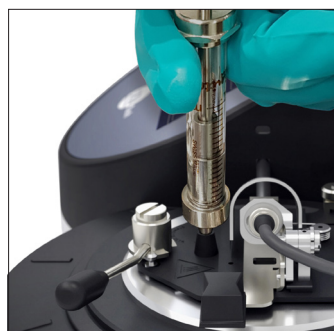
Seta model	Series 8 ActiveCool 82100-2	Series 8 ActiveCool 82110-2	Series 8 ActiveCool (corrosion resisting) 82150-2	Series 8 ActiveCool (corrosion resisting) 82160-2
Operation				
Temperature range	-30 to 135 °C	-30 to 135 °C	-30 to 135 °C	-30 to 135 °C
Units of temperature	°C °F	°C °F	°C °F	°C °F
Ignitor	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	12 GB internal memory	12 GB internal memory	12 GB internal memory	12 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