

# Setaflash<sup>®</sup> Series 3e

## 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

- Electric ignition
- Under 2 minute test time
- Small sample size, 2 or 4 ml
- Temperature range Ambient to 300 °C
- Simple operation
- Portable, lightweight, compact
- Best published precision of any flash point method
- Suitable for unknown samples using ramp mode
- Automatic flash detection
- Automatic barometric pressure correction
- USB port and result storage
- Low cost of purchase and maintenance



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

## Technical Specifications

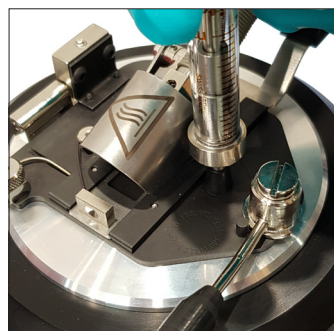
Seta model	Series 3e 30020-0	Series 3e ActiveCool 33220-0	Series 3e ActiveCool (corrosion resisting) 33270-0
Operation			
Temperature range	Ambient to 300 °C	10 to 135 °C	10 to 135 °C
Units of temperature	°C °F	°C °F	°C °F
Ignitor	Electric	Electric	Electric
Cup	Closed	Closed	Closed
Sample cup material	Aluminium	Aluminium	Stainless steel insert
Heating/cooling method	Peltier cell	Peltier cell	Peltier cell
Measurement time	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
Temperature ramp mode	Automatic or custom settings (ramp rate up to 6 °C/min)	Automatic or custom settings (ramp rate up to 6 °C/min)	Automatic or custom settings (ramp rate up to 6 °C/min)
Pressure correction	Automatic	Automatic	Automatic
Data management			
Data storage	1 GB internal memory	1 GB internal memory	1 GB internal memory
Results download	Integrated USB port	Integrated USB port	Integrated USB port
Interface			
User interface	Colour LCD display	Colour LCD display	Colour LCD display
Navigation	Touchscreen/control knob	Touchscreen/control knob	Touchscreen/control knob
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)
Power	200 W (Max)	200 W (Max)	200 W (Max)
Physical			
Size (HxWxD)	195 x 295 x 140 mm	195 x 295 x 140 mm	195 x 295 x 140 mm
Weight	3 kg	3 kg	3 kg

## Operator sequence

4 easy steps:



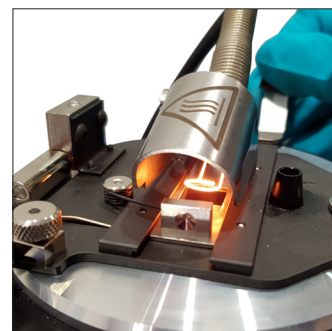
Select test temperature



Inject 2ml sample



Press



Dip the ignitor, flash detection is automatic