



short height split furnaces severn thermal solutions



*SF2151A shown here with type 'R' sprung loaded thermocouples.

Advantages:

- Allows the use of very short specimen grips / pull rods. Therefore load string costs can be much reduced.
- Load string alignment can be improved allowing faster test set up times.
- Heating rates can be as high as 40-50°C / minute (load string dependent).

Element temperatures up to 1400°C

1, 2 or 3 zone configuration

Overall height 55 - 135mm

Temperature control system included (various configurations available)

High quality robust construction, featuring a stainless steel case

Optional provision for side entry extensometry

Optional provision of a window for optical measurement devices

Our range of short height split furnaces have been specifically designed for materials testing applications where generally only the specimen is heated. The furnace is heated by silicon carbide elements, these being backed by high efficiency insulation. Various removable insulation packs are available to suit specific specimen geometry (interchangeable).

The Temperature control system features one, two or three independent Eurotherm controller(s). An independent over temperature alarm is also included.



Model	Max Element Temperature	Number of Zones	Overall Height	Hot Zone Height	Hot Zone Depth	Hot Zone Width*	Rated Power	Operating Voltage
SF2149	1400°C	1	55mm	30mm	50mm	50mm	1kW	230v
SF2150	1400°C	2	85mm	55mm	50mm	50mm	2kW	230v
SF2242	1200°C	2	85mm	62mm	180mm	40mm	2kW	140v
SF2151A	1400°C	3	135mm	110mm	50mm	50mm	3kW	230v

*Across the split line
Alternative sizes available on request