



# 1600°C tube furnaces

severn thermal solutions



Element temperatures up to 1600°C  
1 zone configuration  
Integrated or separate temperature control system included ( various configurations available )  
High quality robust construction  
Work tubes, end fittings and radiation shields can be provided if required

Model	Max Element Temperature	Internal Bore Diameter	Heated Length	Case Diameter*
SC50/2.5/1500	1500°C	50mm	250mm	404mm
SC50/4.5/1500	1500°C	50mm	450mm	404mm
SC50/2.5/1600	1600°C	50mm	250mm	404mm
SC50/4.5/1600	1600°C	50mm	450mm	404mm
SC105/4.5/1500	1500°C	105mm	450mm	484mm
SC105/4.5/1600	1600°C	105mm	450mm	484mm

\*This excludes the size of the terminal box fitted to the side of the case. Alternative sizes available on request



These furnaces comprise of silicon carbide elements which allow for up to 1600°C element temperature. Temperature control systems can be fully integrated with the furnace to reduce the overall footprint of the products. To ensure a high level of temperature uniformity the elements are located evenly around the hot zone. A perforated guard is fitted to the outside of the furnace making it safer for the operator. An integrated stand can be supplied in either horizontal or vertical orientated depending on your requirements.