



1200°C tube furnaces

severn thermal solutions

Element temperatures up to 1200°C

1 or 3 zone configuration

Overall height 214 - 1032mm

Temperature control system included (various configurations available)

High quality robust construction featuring a stainless steel case

Optional provision of a window for optical measurement devices

Mounting brackets available for horizontal and vertical use

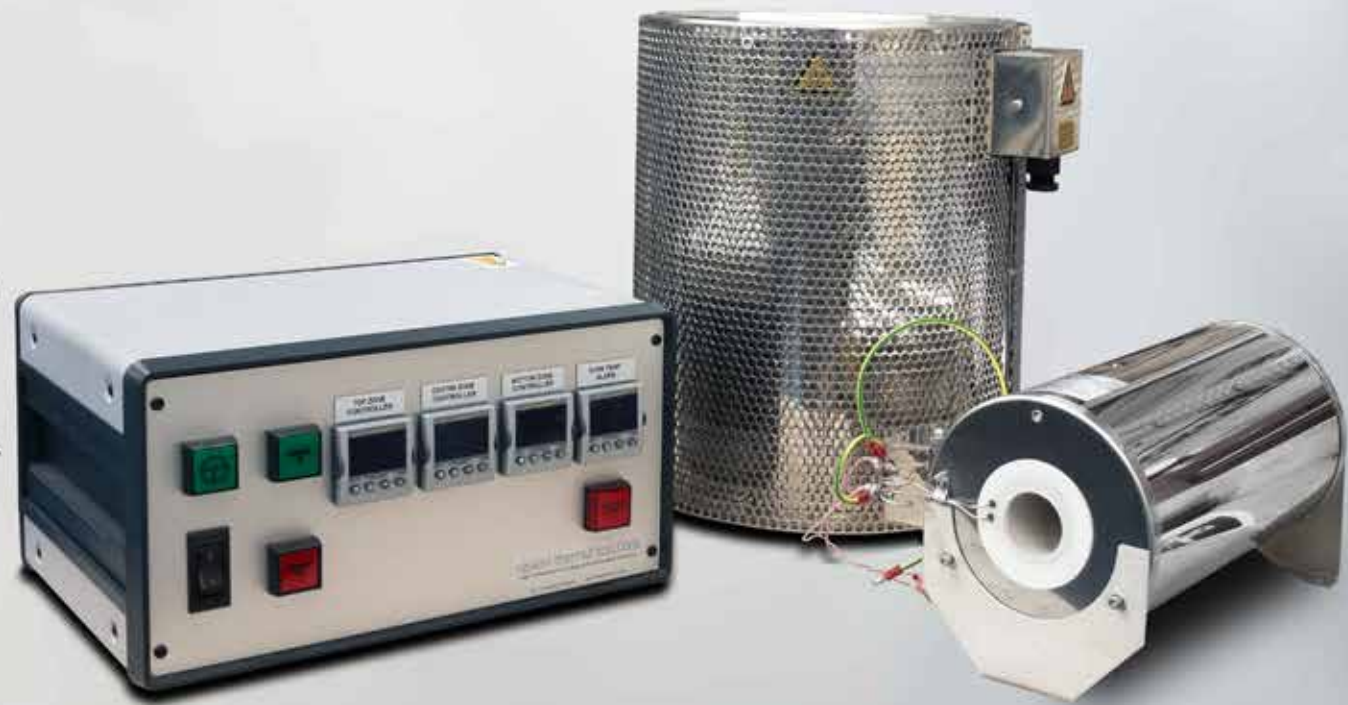


Model	Internal Bore Diameter	Heated Length	Case Diameter*	Overall Height	Rated Power	Weight
38/2	38mm	200mm	153mm	214mm	0.5kW	3KG
38/3	38mm	300mm	153mm	315mm	0.8kW	4KG
38/4.5	38mm	450mm	153mm	469mm	1.1kW	6KG
38/6	38mm	600mm	153mm	622mm	1.3kW	7.5KG
38/7.5	38mm	750mm	153mm	777mm	1.6kW	9KG
38/10	38mm	1000mm	153mm	1032mm	2kW	14KG
50/2	50mm	200mm	203mm	214mm	0.7kW	4KG
50/3	50mm	300mm	203mm	315mm	1.2kW	6KG
50/4.5	50mm	450mm	203mm	469mm	1.5kW	8.5KG
50/6	50mm	600mm	203mm	622mm	1.7kW	10.4KG
50/7.5	50mm	750mm	203mm	777mm	2.2kW	13.5KG
50/10	50mm	1000mm	203mm	1032mm	2.6kW	19KG
75/2	75mm	200mm	253mm	214mm	1.4kW	7KG
75/3	75mm	300mm	253mm	315mm	1.5kW	8KG
75/4.5	75mm	450mm	253mm	469mm	2kW	12KG
75/6	75mm	600mm	253mm	622mm	2.6kW	15KG
75/7.5	75mm	750mm	253mm	777mm	2.7kW	18KG
75/10	75mm	1000mm	253mm	1032mm	3.5kW	27KG
105/2	105mm	200mm	303mm	214mm	1.3kW	8KG
105/3	105mm	300mm	303mm	315mm	1.8kW	13KG
105/4.5	105mm	450mm	303mm	469mm	2.8kW	14KG
105/6	105mm	600mm	303mm	622mm	3.2kW	20KG
105/7.5	105mm	750mm	303mm	777mm	3.6kW	25KG
105/10	105mm	1000mm	303mm	1032mm	4.2kW	43KG

*This excludes the size of the terminal box fitted to the side of the case
Please note that all values are based on **ONE** zone tube furnace. Results may vary for a three zone furnace
Alternative sizes available on request

Standard tube furnaces are available in a range of bore sizes from 38mm to 105mm together with an option of heated lengths, typically 200, 300, 450, 600, 750 and 1000mm. Furnaces can be supplied in either single or three zone configurations depending on your application and requirements. Furnaces feature robust heating elements capable of achieving element temperatures of up to 1200°C. The furnace comprises of a uniquely formed heating element designed for optimum temperature uniformity with high grade insulation surrounded by a stainless steel case.

Temperature control systems are provided with each furnace. Various configurations are available and can be tailored to your requirements. Serial communications ports can be provided for data acquisition. The three-zone option should be selected when a superior temperature gradient along the length of the furnace is required.



Indication of the comparison between single & three-zone furnaces illustrating a typical temperature profile

