

**Hinged tube furnaces RS** - for horizontal or vertical operation, adaptable for operation with flammable and non flammable gasses or under vacuum



The RS tube furnaces can be used for either horizontal or vertical operation. Using a variety of accessories, these professional tube furnaces can be optimally laid out for your process. By using different available gassing packages, operations can be performed under a protective gas atmosphere, vacuum or even flammable gasses.



Gas panel

- Tmax 1100°C or 1300°C
- Casing made of sheets of textured stainless steel (non-rusting design)
- Tmax 1100°C: Type K thermocouple
- Tmax 1300°C: Wear-free type S thermocouple
- Available in horizontal or vertical designs
- Hinged design for simple insertion of the working tube
- Working tube made of ceramic c530 for operation in air included in scope of delivery
- Switching and control unit separate from furnace

Model	Tmax °C	Exterior dimensions <sup>3</sup> mm			For tube interior/mm	Heated length mm	Length constant temperature ±5°C	Tube length mm	Power kW	Supply voltage*	Weight kg
		w	d	h							
12610/50	1100	555	430	380	50	300	100	650	1.6	single-phase	80
12610/51	1100	750	430	380	50	500	170	850	3.2	single-phase	90
12610/52	1100	1005	430	380	50	750	250	1100	4.0	3-phase <sup>1</sup>	100
12610/53	1100	755	440	390	70	500	170	850	3.4	single-phase	90
12610/54	1100	1005	440	390	70	750	250	1100	4.6	3-phase <sup>2</sup>	100
12610/55	1100	760	500	450	100	500	170	850	4.8	3-phase <sup>2</sup>	90
12610/56	1100	1005	500	450	100	750	250	1100	7.0	3-phase <sup>2</sup>	100
12610/57	1100	1265	500	450	100	1000	330	1350	10.8	3-phase <sup>2</sup>	110

Model	Tmax °C	Exterior dimensions <sup>3</sup> mm			For tube interior/mm	Heated length mm	Length constant temperature ±5°C	Tube length mm	Power kW	Supply voltage*	Weight kg
		w <sup>4</sup>	d	h							
12611/80	1300	555	450	400	50	300	100	650	3.3	single-phase	80
12611/81		755	450	400	50	500	170	850	5.2	3-phase <sup>2</sup>	90
12611/82		1005	450	400	50	750	250	1100	8.0	3-phase <sup>2</sup>	100
12611/83		755	460	410	70	500	170	850	6.7	3-phase <sup>2</sup>	90
12611/84		1005	460	410	70	750	250	1100	10.0	3-phase <sup>2</sup>	100
12611/85		760	520	470	100	500	170	850	7.1	3-phase <sup>2</sup>	90
12611/86		1010	520	470	100	750	250	1100	11.6	3-phase <sup>2</sup>	100

<sup>1</sup> only heating on one phase (asymmetrical load)

<sup>2</sup> only heating between two phases

<sup>3</sup> exterior dimensions for vertical operation upon request

<sup>4</sup> without tube