



**Laboratory Equipment Pty Ltd**

## **SPLIT TUBE FURNACES to 1300 degrees Celsius**



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 gas supply packages, operations can be performed under a protective gas atmosphere, vacuum, or even with flammable gasses.

### **RS 170/1000/13**

- Temp max 1300 °C
- Casing made of sheets of textured stainless steel (non-rusting design)
- Temp max 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 C 530 for operation in air included in scope of delivery
- Switching and control unit separate from furnace in own wall or standing cabinet
- Standard working tube
- The RS tube furnace line can be custom-fit to your needs with a variety of extras. Starting with various working tubes of different materials to protective gas or vacuum operation. For optimum temperature distribution, all RS furnaces are also available as three-zone tube furnaces with modern PLC controls. The heat loss at the ends of the tube is compensated using this three-zoned control, and a longer uniform zone is the result.

### **Additional Equipment**

- Cascade controller with temperature measurement in the working tube and in the oven chamber behind the tube
- Working tubes designed for process requirements
- Different gas supply packages (starting on page 24) for protective gas and vacuum operation
- 3-zone control for optimization of temperature distribution
- Burst protector for heating elements and/or as support surface for the load
- Stand for vertical operation
- Alternative working tubes

**Specifications:**

Model	RS 80/300/13	RS 80/500/13	RS 80/750/13	RS 120/500/13	RS 120/750/13	RS 120/1000/13
Ext. Dim. (mm) WxDxH	555x475x390	755x475x390	1005x475x390	755x525x440	1255x525x440	1100x1005x575
Temp. Max	1300°C					
Outer Tube Diameter (mm)	80			120		
Heated Length (mm)	300	500	750	500	750	1000
Uniform Temp zone	100	170	250	170	250	330
Tube Length (mm)	650	850	1100	850	1100	1350
Capacity (L)	16	32	66	160	300	500
Power (kW)	3,6 single phase	6,0 3 phase	9,3 3 phase	7,8 3 phase	12,6 3 phase	12,6 3 phase
Weight (kg)	80	90	105	95	110	12

**\*\*larger models available on request**

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