

# Data Sheet

## Model: TSVH11/30/254-Custom

1100°C Maximum Temperature,  
Single Zone Vertical Split Tube Furnace



### INTRODUCTION

The TSVH11 is a vertical single zone split tube furnace is designed to meet the needs of 'in-line' thermal processes, and for when rapid cooling is required.

TSVH11/30/254-Custom comes with a 30mm (1.2 inch) furnace bore size, 254mm (10 inch) heated zone length.

### SPECIFICATIONS

**Maximum Temperature:** 1100°C

**Maximum Continuous Temperature:** 1050°C

| This TSVH furnace can be supplied with separate control console on two meters of interconnecting cables.

| Heating is by free radiating high-grade resistance wire elements supported on ceramic tubes.

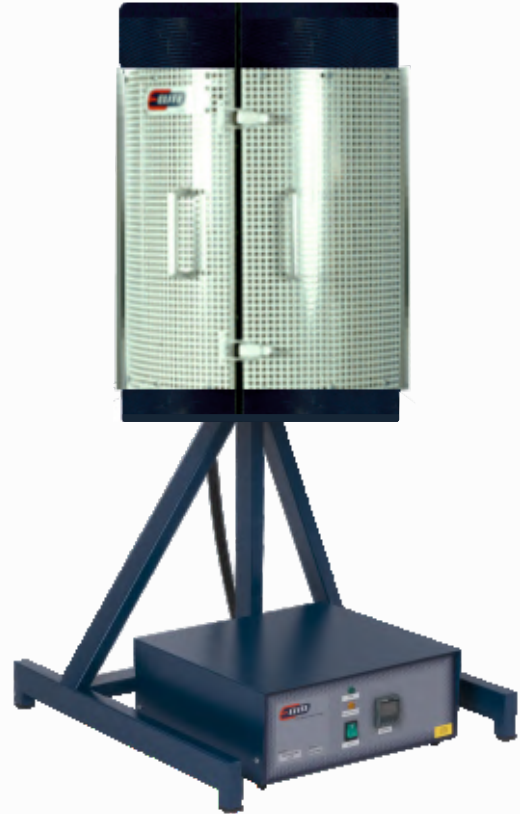
| Energy efficient, high quality, low thermal mass insulation provides fast heating and cooling.

| A work tube is not supplied as an integral part of the furnace and therefore needs to be ordered with the furnace as it is an essential accessory.

| The furnace accepts a range of work tubes up to 30mm (1.2 inch) outside diameter.

| Temperature Sensor: 'N' Type thermocouple.

| High end Microprocessor PID controller.



### TSVH11/30/254-Custom

| Supply: 230V– 1 Phase – 50/60Hz

### OPTIONAL FEATURES

| Work tubes of various materials, lengths and diameters for use in the furnace.

| The work tubes are available for containment of atmosphere or protection against process contaminants.

| A variety of triple flange gas tight end seals for work tubes to allow processing under Vacuum or gas atmospheres.

| Multi segment, multi program storage controller.

| Over temperature controller.

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