

Theta Industries, Inc.

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Spare Parts Questionnaire

for Consumable Furnace Parts

To Identify Replacement Parts

Submitted by _____ Title _____
Organization _____ Dept. _____
Street _____ Tel. _____ Ext. _____
City _____ Fax: _____
State _____ Zip _____ E-mail: _____
Country _____

Configuration

- Horizontal Axial thermocouple
- Vertical Radial thermocouple

Furnace Max Temp.

- 170°C to 450°C 1700°C 2000°C
- 1000°C 1800°C 2100°C
- 1600°C 1900°C 2300°C

Protective Environment

- None = Air 10⁻⁴ torr High vacuum
- 10⁻² torr vacuum Protective gas

Furnace Dimension

Length ID Diameter OD Diameter

Spare Part Dimension

Overall Length	Diam ID	OD
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

- 1 Heating Element Material

- Nichrome wire MoSiO₂, Hairpin
- Silicon Carbide, SiC* Tungsten Graphite

- 2 Clamp Braided Insulating Board Holder

- 3 Thermocouple, Control, type: K Platinel S B C

- 4 Muffle Tube Mullite w w/o Water Cooling
 Sintered Alumina

- 5 O ring set

- 6 Insulation radiation shield Felt Solid

* old end OD 60mm to 1998
new end OD 57mm since 1999