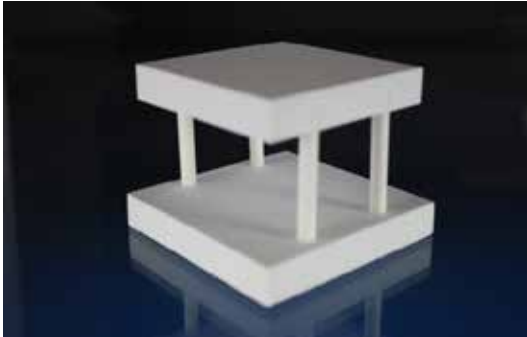


Hot Spot Accessories

Customized For Hot Spot 110 Lab Furnace



Shelf System...

A shelf system essentially doubles the capacity of the Hot Spot. Double the number of samples that can be fired in your Hot Spot while still protecting the floor insulation. It is constructed from our Buster M-35 insulation as the shelves, and dense alumina posts.

Item	Description	Item Number
Shelf System	Buster M-35 Shelves with Dense Alumina Supports	FAF09

Calibration Rings...

A PTCR is a highly accurate ceramic temperature indicator which records the true heat treatment received by the fired product. They can be used as either a furnace calibration check or as a record of an individual firing. They are sold as a box of 15 with the lot specific temperature table. Your Hot Spot comes preprogrammed, PTN2, to check calibration with a ring.



Item	Description	Item Number
Process Temperature Control Rings	Ferro Calibration Rings (PTCR's) - Box of 15 Rings	FAF10



Datalogger...

The datalogger links the furnace to your computer, records the temperature history in real time and outputs the firing curve as an Excel file. The Hot Spot temperature controller output, which varies as the process temperature changes, is supplied to a jack located at the rear of the furnace. A six foot long cord that plugs into the jack is supplied to conduct this output. The datalogger accepts 0-5V DC output +/- 0.1 accuracy, 0.001 resolution and 5 year battery life.

Item	Description	Item Number
Datalogger Package	Dickson Precise Voltage Output Datalogger, Power Supply , Cables and Software.	FAF07

Hot Spot Accessories (cont.)

Setter Plates...

Zircar supplies setter plates made from our own alumina and zirconia fibrous insulation. Both materials can withstand very high temperatures. Our alumina setter is the same material that our Hot Spot 110 hot face insulation is made of. It has excellent shock resistance and low thermal conductivity. Our zirconia setter is rated for continuous use at 1800 °C. Both products are available individually or as part of a setter package. It is not recommended to place material directly on the furnace floor. Setters protect the furnace insulation.



Items For 1700 °C Hot Spot	Description	Item Number
Dense Alumina Setter Plate	3.5" x 3.5" x 0.5" For 1700 °C Hot Spot	FAF03
Alumina Insulation Setter Plate	Buster M-35 3.5" x 3.5" x 0.5" For 1700 °C Hot Spot	FAF04
Anti-Shock Setter Plate	Buster M-35 3.5" x 3.5" x 0.5" For 1700 °C Hot Spot	FAF04A
Zirconia Insulation Setter Plate	ZYFB-6 3.5" x 3.5" x 0.5" For 1700 °C Hot Spot	FAF05
Items For 1600 °C Hot Spot	Description	Item Number
Dense Alumina Setter Plate	4.5" x 4.5" x 0.5" For 1600 °C Hot Spot	FAF03L
Alumina Insulation Setter Plate	Buster M-35 4.5" x 4.5" x 0.5" For 1600 °C Hot Spot	FAF04L
Anti-Shock Setter Plate	Buster M-35 4.5" x 4.5" x 0.5" For 1600 °C Hot Spot	FAF44A
Zirconia Insulation Setter Plate	ZYFB-6 4.5" x 4.5" x 0.5" For 1600 °C Hot Spot	FAF05L



Setter Spatula...

A setter spatula is a safe way to load and unload hot materials. The setter spatula can be purchased separately, or part of a setter package which includes eight setter plates.

Items For 1700 °C Hot Spot	Description	Item Number
Setter Package for Hot Spot 110	One Spatula and Eight Setter Plates - Two Dense Alumina, Three Each of Alumina and Zirconia Insulation, sized for a standard 1700 °C model	FAF01
Setter Spatula	Stainless Steel with a Wooden Handle	FAF25
Items For 1600 °C Hot Spot	Description	Item Number
Setter Package for Hot Spot 110L	One Spatula and Eight Setter Plates - Two Dense Alumina, Three Each of Alumina and Zirconia Insulation, sized for a larger 1600 °C model	FAF01L

Additional Hot Spot Accessories

Item	Description	Item Number
High Temperature Trivet	Refractory Sheet 12" x 12" x 0.5"	FAF06
Autotransformer Power Supply	Regulates Input Voltage to the Hot Spot 110	FAF08
Gas Port Assembly	0.25" Diameter Dense Alumina Tubing with Compression Fitting	FAF22



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