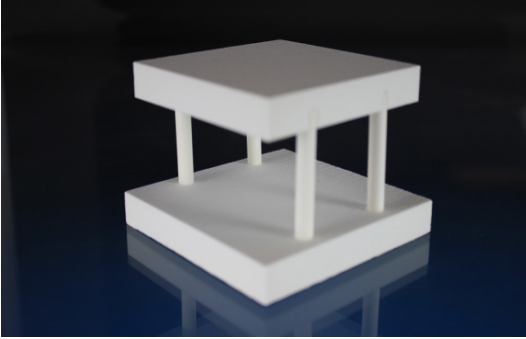


Furnace Accessories

Supplies & Repair Parts For Lab Furnaces



Shelf System...

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

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.

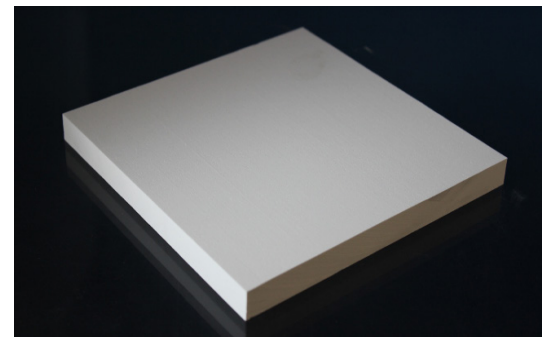


Setter Spatula...

A setter spatula is a safe way to load and unload hot materials.

Setter Plates...

It is not recommended to place material directly on the furnace floor, therefore, setters protect the furnace insulation. We supply setter plates made from our own alumina and zirconia fibrous insulation. Both materials can withstand very high temperatures. The alumina setter has excellent shock resistance and low thermal conductivity. Our zirconia setter is rated for continuous use at 1800 °C.

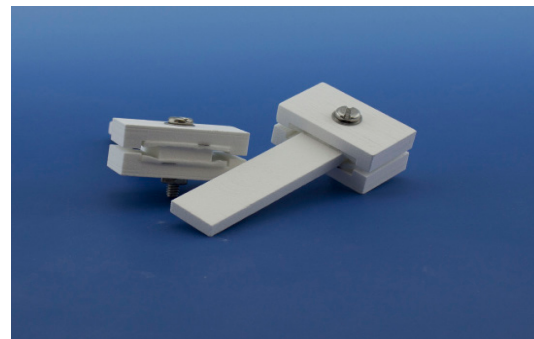
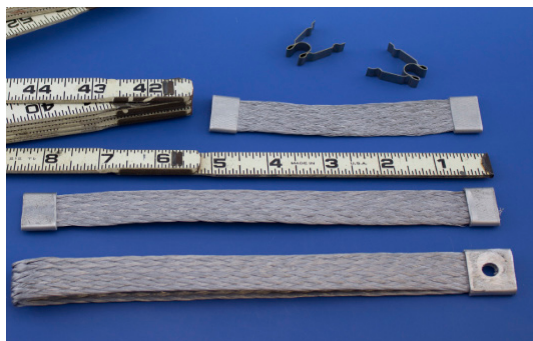


Thermocouples...

We can manufacture type B platinum thermocouples in either a single element, dual element, or as pre-welded bare wires to insert into your protection tube. If your thermocouple needs a repair, welding and lengthening of type B wire is also available as a service we provide.

Element Holders...

Element holders are made from our Buster M-35 insulation. This material can withstand continuous temperatures of 1725 °C. Element holders position heating elements so the conductive coating can make full contact with an element strap and the full length of heating section is in the hot zone.

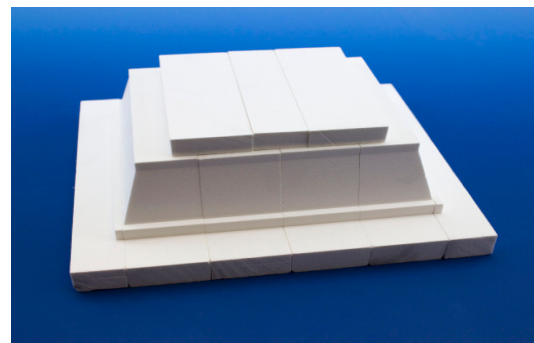


Element Straps...

Each of our element straps are made from 75 amp braided aluminum and secured with highly corrosion resistant 1100 aluminum sheet on the ends to prevent fraying. The straps can be custom made to fit your furnace.

Custom Designed Insulation...

Zircar manufactures all of the insulation from our own Buster alumina fiber. We custom machine replacement insulation to suit your furnace design. Our Buster material has excellent shock resistance and low thermal conductivity.



Sintering Trays and Support Media

Zircar manufactures and supplies sintering trays which provide a convenient and protective method of sintering wares up to temperatures of 1700 °C. The dense alumina tray is 99.8% pure alumina, and provides nearly complete protection from undesired gas vapor condensation on your product. The low mass alumina trays, are made from our Buster M-35 material and offer a greater range of sizes with greater thermal shock resistance than the dense trays.

Zirconia Dense Beads, ZDB, are fully sintered yttria-stabilized zirconia solid beads. These spheres are ideal for use as a fully compliant setting material for sintering milled copings. Our standard product, ZDB-1 is 2.0 mm +/- 0.3mm diameter.

ZDB are reusable sintering support media for large complex geometries, which need multi-point support and unrestricted shrinkage. Multiple contact points with the ware ensure full support while allowing expansion and/or shrinkage of the ware.

To Place an Order

Call: 845-651-3040

email: sales@zircarzirconia.com

store: www.zircarzirconia.com/store



Zircar Zirconia, Inc.
87 Meadow Road
P.O. Box 287
Florida, New York 10921

Phone: (845) 651-3040
Email: sales@zircarzirconia.com
website: www.zircarzirconia.com
store: www.zircarzirconia.com/store