

## FURNACES

Frazier-Simplex, Inc. is a world-wide recognized leader in engineering to the glass industry, and has been for nearly a century. This is a history filled with designs and construction using the latest technology. Our furnaces are considered among the most efficient in the world, producing excellent glass quality.

Our designs utilize state of the art materials in conjunction with tried and trusted construction techniques. Computer aided heat balances allow use of conventional firing with or without electric boosting to produce very efficient furnaces with high turndown ratios. Along with our more traditional designs we also supply custom design furnaces for specialty glasses and other high heat applications.

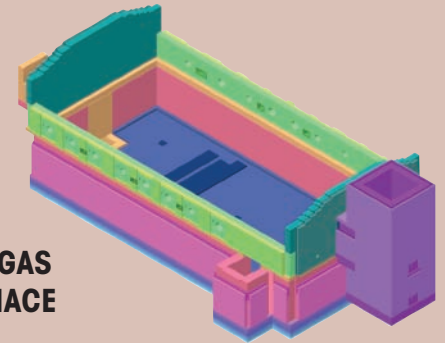
### Our capabilities include:

- ❖ Design and Engineering
- ❖ Material Procurement
- ❖ Construction and Supervision
- ❖ Commissioning
- ❖ Turnkey Projects

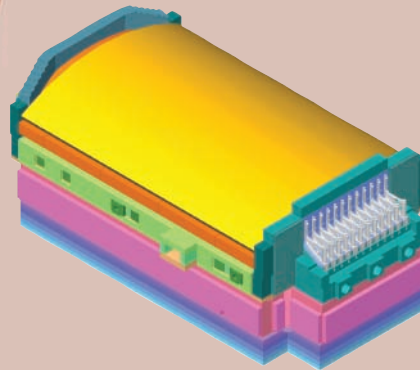
### Furnace Designs:

- ❖ Cross Fired Regenerative
- ❖ Cullet Remelters
- ❖ End-Fired Regenerative
- ❖ Direct Fired Recuperative
- ❖ Oxy-Fuel Fired
- ❖ Day Tanks
- ❖ Pot Furnaces
- ❖ Waste Incinerators
- ❖ Hazardous Waste Vitrification

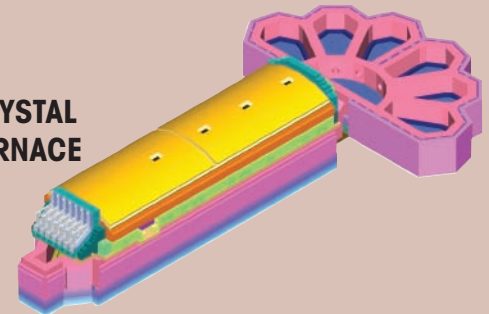
**OXY-GAS FURNACE**



**BOROSILICATE FURNACE**



**CRYSTAL FURNACE**



**CROSS-FIRED REGENERATIVE FURNACE**

