

New Services Now Available for Glass Customers



Combustion Tec

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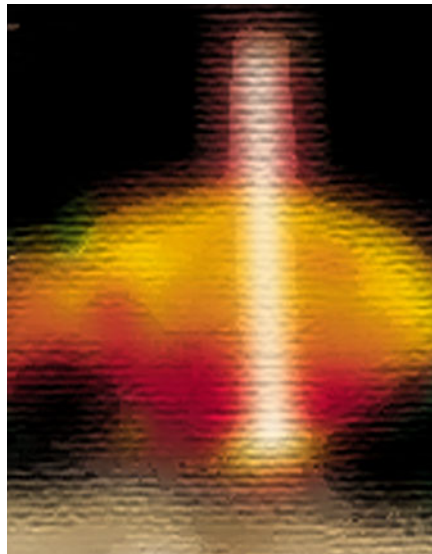
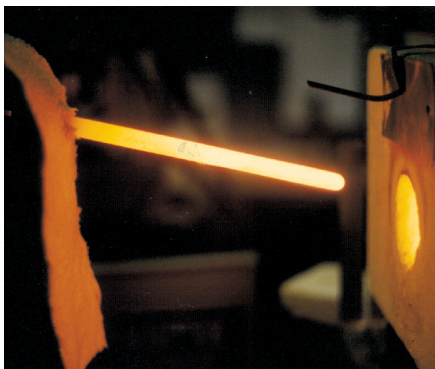
Over 820 installations in place on major glass furnaces worldwide.

Combustion equipment for:

- Regenerative furnaces
- Recuperative furnaces
- Unit melters
- Refiners
- Refiners, forehearths
- Oxy-fuel furnaces

CT standard products:

- Adjustable orifice gas burners
- Hot-air burners
- High efficiency oil burners



- Oxy-fuel burners
- Heat-up burners
- Fuel/air/oxygen flow and metering skids
- Furnace instrumentation and controls
- CCTV and thermal imaging systems

Brand offering:

- Oxy-gas and oxy-oil burners
- Fuel-oxygen flow and metering skids
- Furnace instrumentation and controls
- Oxy-fuel startup services
- Oxy-fuel conversion experience
- Assist in offering complete oxy-fuel technology package to glass industry

Services:

- Combustion system start-up and troubleshooting services.
- Furnace maintenance services.
- CCTV furnace inspection services.
- Computer-generated mathematical glass furnace modeling.



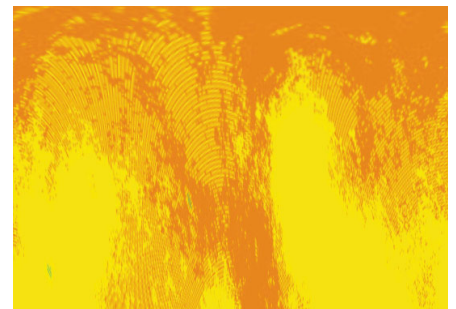
Diagnostic Instrumentation & Analysis Laboratory (DIAL) at Mississippi State University

Solving customers' high temperature process problems for over 20 years.

- In-plant characterization of the performance of processes and process equipment
- Chemical analysis of raw materials
- Chemical analysis of products
- Thermal imaging
- Thermal analysis
- Failure analysis
- In-plant process support
- Energy and mass balances
- Advanced sensors and controls
- Combustion system support

Glass services:

- Glass furnace characterization
- Advanced monitoring
- Equipment and process development
- Testing





Glass Service

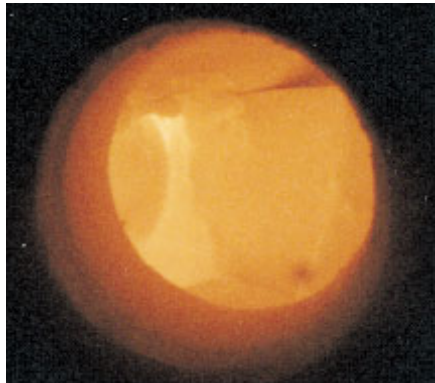
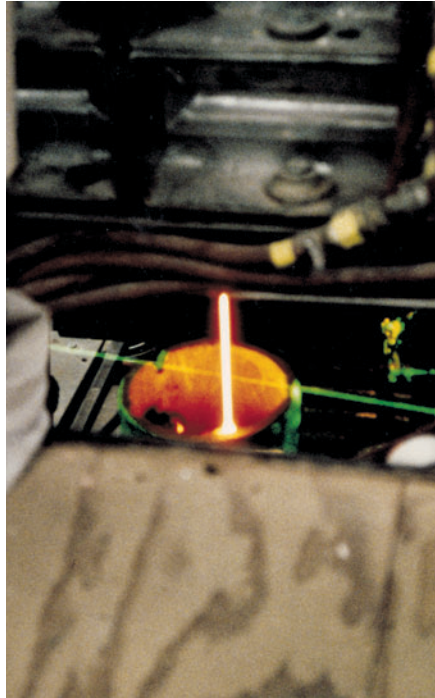
One of the leading consultants in the world for glass melting.

Provides modeling and consulting services for:

- Support of furnace operation and design
- Furnace troubleshooting

Examples of furnace design studies:

- Fuel savings and ecology
- Pull increase
- Glass quality improvement
- Design of the tank and forehearth system
- Forming productivity
- Optimized homogenization for the forehearth
- Services for float, TV glass, container, fiber, lighting, borosilicate, household, glass, crystal, specialty glasses, technical glass.



To learn more about these companies and the services they can provide, you may contact:

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