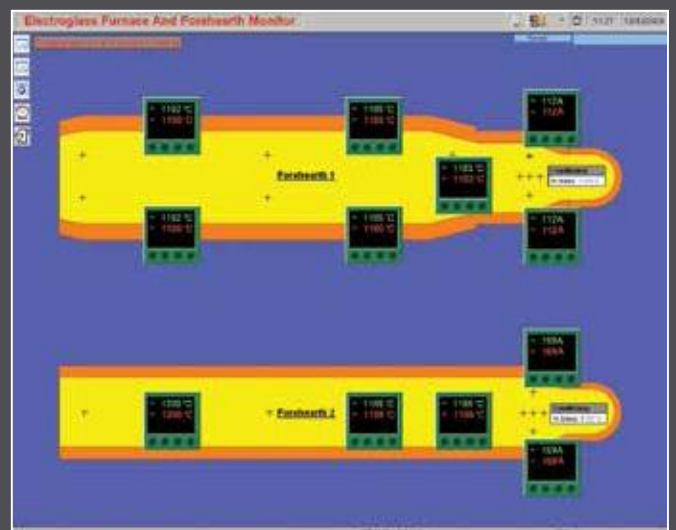


Electroflex Forehearths

Highly efficient All-Electric Forehearths to cool and condition non-volatile glass types, providing precise temperature control and consistent thermal homogeneity.



- Forehearth completely electrically heated during normal operation and initial heat up
- Actual case histories show operating cost savings of up to 80% when compared to equivalent gas-fired forehearths
- Flexible design makes conversion of existing gas-fired or electric forehearth possible even during furnace campaign
- No cooling air or other fuels required
- Fast temperature response when increasing or decreasing gob weight ensures minimum production down time during job changes
- Special profile heating elements and multiple heating zones allow precise containment of heating and cooling
- Automatic power/temperature and manual control facility for each heating zone
- Extremely high thermal efficiency due to low thermal mass superstructure and insulation
- Special substructure design reduces temperature gradients and heat loss from the channel
- Centreline radiation cooling and profile heating greatly reduce side to centre temperature differential
- Optional additional Temptrim conditioning section electrode heating for precise gob weight control in low thermal transmission glasses





Electroflex

- Standard channel widths
305mm (12") 400mm (16")
660mm (26") 915mm (36")
- Special channel widths also available
- Lengths to suit existing layout and gob drop points, where applicable

Electroflex-W

- Standard channel widths
1220mm (48") 1370mm (54") 1525mm (60")
- Special channel widths also available
- Lengths to suit existing layout and gob points, where applicable
- Independent side to side heating compensates for temperature imbalance

Electroflex and Electroflex-W Distributors

- Channel widths, depths and lengths to suit existing layouts, where applicable
- Simple, accurate temperature control
- Substantial energy cost savings compared with gas-fired and other all-electric distributors and working ends
- Passive centreline radiation cooling for optimum side to centre and top to bottom temperature homogeneity

Glass Types and Products

- Soda Lime
- Potassium Barium
- Containers
- Cosmetic
- Tableware
- Lighting
- Insulators

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