

NEG Combustion Control System

- Control System by glass manufacturer -

NEG

Nippon Electric Glass



NEG Combustion Control System provides optimal furnace heating conditions for various glass materials by using NEG's highly efficient and reliable combustion control technology. Our innovative system continuously monitors and adjusts furnace temperature, fuel flow, and heat fluctuations in real time to maintain optimal combustion conditions at all times.

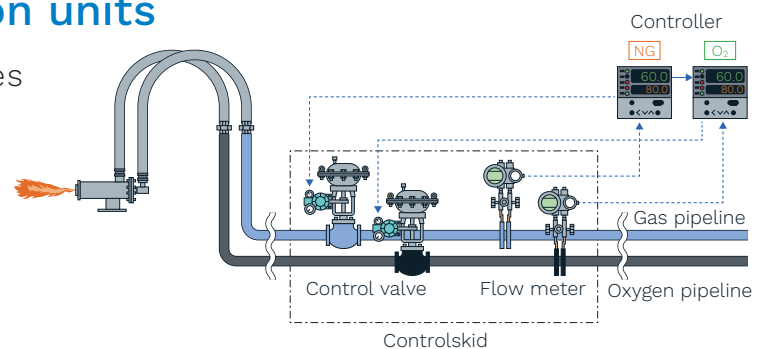
Benefits of NEG Combustion Control System

- Stable and safe combustion process
- Energy savings and CO₂ emissions reduction
- Customizable for various glass materials and furnaces
- Contributes to optimal productivity through real-time monitoring and adjustments
- Ensures reliable and efficient operation

Upgrade your glass melting furnace with NEG Combustion Control System and experience improved efficiency and enhanced control over your combustion process.

Advanced Gas-oxygen combustion units

- Individual burner gas and oxygen flow rates are measured and controlled.
- Automatic control of gas-oxygen ratio
- Safe and controlled automatic slow-up and slow-down sequence



Multipule safety devices for Gas-Oxy combustion

- An emergency shut down system that monitors the gas and oxygen ratio, flow rate, pressure etc. to initiate a shutdown in case of abnormalities.
- Check valves installed on individual oxygen and gas piping to prevent abnormal firing in the piping
- Special fire prevention devices designed to stop the spread of internal abnormal firing

