INDUSTRIAL BURNERS

Industrial Gas Burner

Automatic LPG, PNG and dual-gas burners with flame safety for ovens, furnaces and dryers.



TEMPERATURE
Supplies heat for processes up to about 1,200°C

HEATING
Gas (LPG/PNG), dual gas, or dual mode with electric backup on AHS ovens

INDUSTRIES
Aluminium, welding electrodes, powder coating, heat treatment, chemicals

Specifications

Fuels	LPG, PNG; dual-gas LPG/PNG burners
Types	self-proportional and mono-block
Capacity	sized to heat load in kcal/hr (e.g. 2,00,000 kcal/hr on a rotary dryer)
Sequence	pre-purge, auto ignition, flame supervision, lockout on flame failure
Flame control	on/off, high/low or modulating on bigger models
Gas train	regulator, filter, double solenoid valves, pressure switches
Controls	burner sequence controller with alarm output
Dual mode	gas/electric selector on AHS dual-fuel ovens
Service	oil-to-gas conversions, spares and commissioning

Features

- Automatic ignition and flame supervision
- Lockout and alarm on flame failure
- Double safety shut-off valves in the gas train
- High/low or modulating flame on larger burners
- Dual-gas LPG/PNG operation
- Oil-fired furnace conversion to gas

Applications

- Firing aluminium annealing and melting furnaces
- Heating electrode baking and curing ovens
- Firing hot air generators and rotary dryers
- Heating powder coating and paint ovens
- Converting oil-fired furnaces to gas