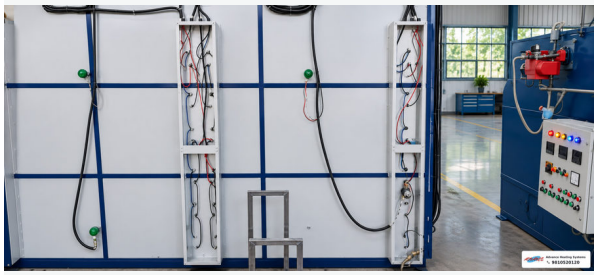
OVENS BY HEATING METHOD

Dual Fuel Electric and LPG Oven

Industrial oven with both electric heaters and LPG/PNG burners, switched from one panel.



TEMPERATURE
Up to 450°C standard; higher on request

HEATING
Dual fuel: electric and gas (LPG/PNG)

INDUSTRIES
Welding electrodes, aluminium, coating, heat treatment

Specifications

Heating	electric heaters plus LPG/PNG burners
Fuel change	selector switch on control panel
Example size	5,100 × 1,650 × 1,850 mm inside at 450°C
Electric load	to suit, e.g. 3 zones × 60 kW
Burners	in SS firing chamber with flame safety
Control	programmable ramp-soak PID, thyristor for heaters
Recording	3-channel recorder
Alarms	burner failure and end of cycle
Insulation	150 mm ceramic fibre and mineral wool

Features

- Keeps running through power cuts or gas shortages
- One controller for both fuels
- Choose the cheaper fuel at any time
- Flame kept away from the product
- Burner-fail and end-of-cycle alarms
- Can be added to some existing ovens

Applications

- Electrode baking and drying
- Annealing of aluminium and other metals
- Powder coating and paint baking
- Curing of composites and rubber
- Drying ovens and hot rooms
- Heat treatment of fabricated parts