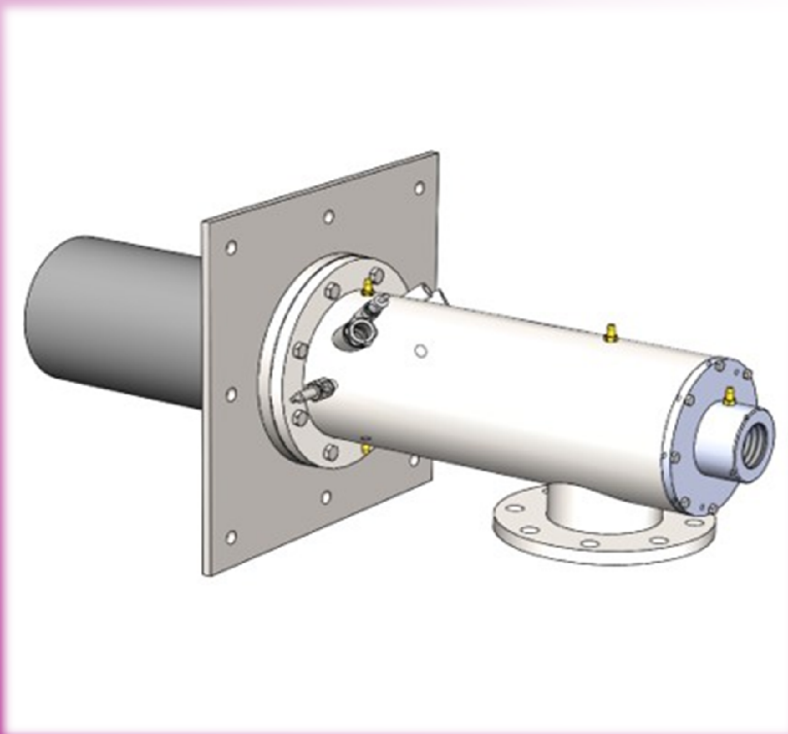


Medium Velocity / Extreme flame stability / High turn down

ITAS Speedflame burners create furnace atmosphere circulation due to the outlet velocity, resulting in high temperature uniformity. The flexibility in gas to air ratio makes them suitable for many heat treat processes in lots of industries and applications. Gas / air control is by proportionator or linked valves.



Features:

- Air / Gas controlled
- Excess gas up to 80% (maximum air capacity)
- Excess air up to 950 (minimum gas capacity)
- UV or Flame rod supervision
- Rugged construction
- High flame stability
- Silicon carbide tube or refractory block.

Technical specification:

- Capacity: 100 to 1.700 kW (lhw)
- Turn down: > 20: 1
- Fuel: Natural Gas, LPG, Others and mixed gases on request
- Process air: Upstream up to 400 °C (O₂ >0%) / Downstream up to 800 °C
- Combustion air: Up to 260 °C
- Excess Air level: 15 -30 %

Typical industries and applications:

- General: Multipurpose burner
- Galvanizing: Bath heating
- Environmental: RTO's and other afterburners
- Ceramics: Tunnel kilns / Periodic Kilns