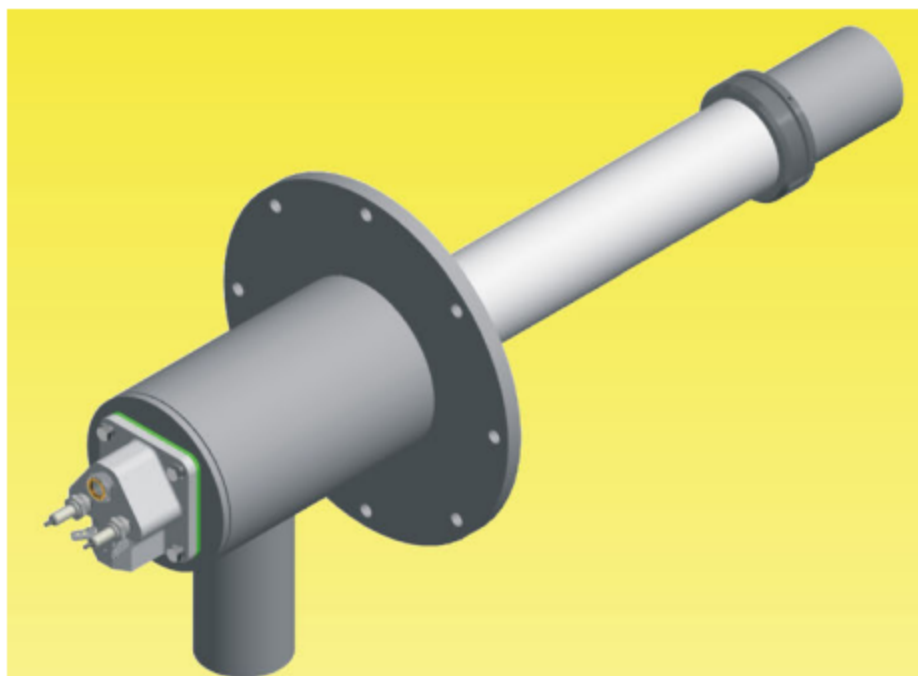




A-HTC

Ultra-High Temperature Tunnel Kiln Burner



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A-HTC Ultra-High Temperature Tunnel Kiln Burner

Ultra-high temperature, coking-free, compact structure

Features

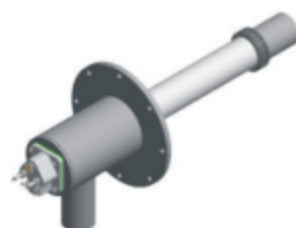
The temperature in modern ultra-high temperature tunnel kiln is as high as 1750-1900 °C. The burner should work at a high temperature of about 1000 °C for a long time. Ordinary burners often scorch and burn out the burner head.

Ultra-High Temperature Tunnel Kiln Burner solves these problems effectively and is a kind of energy-saving product with excellent high temperature performance.

The Ultra-High Temperature Tunnel Kiln Burner combustion head and fire pipe are made of stainless steel with high temperature resistance and oxidation resistance, which can work for a long time under the condition of high temperature above 1000 °C without cooling device.

Ultra-High Temperature Tunnel Kiln Burner has a compact structure and a slender shape, which can control the strong radiant heat effect in the kiln to a minimum.

The combustion chamber of Ultra-High Temperature Tunnel Kiln Burner is made of silicon carbide, which has high thermal conductivity, low thermal expansion coefficient, light weight, high strength and good energy saving effect, so it is suitable for ultra-high temperature environment.



Applications

- Ceramics Roller Kiln
- Tunnel Kiln

Product Description

- Air shell: SUS 304
- Material material for air inlet pipe: SUS 304
- Applied maximum furnace temperature: 1900° C
- Combustion chamber: Silicon carbide
- Fire pipe material: SUS 310S
- Combustion head: SUS 310S
- Fixed flange: SUS 304
- Maximum preheating air temperature: 200°C
- Power: 205KW
- Air inlet pressure: 30mbar
- Gas inlet pressure: 30mbar
- Fuel: NG
- Adjustment ratio: 10: 1

Ignition and Flame Monitoring

- The ignition of the burner can be realized by the ignition electrode, and the flame detection can be realized by ion detection.

Burner Specification

Model	Power	Fire pipe diameter	Fire pipe length /L	Wind film type	Fuel	Kiln furnace
AHTC-89-Z-200	205KW	89	200	Type z	NG	Tunnel Kiln