

**Natural gas low NOx burner**



**Product introduction of the natural gas low NOx burner:**

Natural gas low NOx burner is an industrial burner which uses natural gas as fuel, and adopts low NOx technology. Low NOx burner or ultra-low NOx burner, refers to low NOx emission burners in the fuel combustion process, with low tail oxygen content, high regulation ratio and other characteristics, so that we can not only reduce the operating cost, but also extend the service life of the equipment. Mainly suitable for: hot water boiler industry, steam boiler industry, hot-blast stove industry, thermal oil furnace and other boiler industry

**Technical and performance characteristics:**

1. Wide applicable power range
2. Automatic control
3. Low NOx combustion technology at combustion head guarantees extremely low NOx emission
4. An optimized fan system with motors, blower impellers, and fan guides
5. Safe flame detection
6. Reliable impeller performance – can achieve stable combustion effect
7. Low noise operating
8. Hinged burner housing
9. The air passage shut up automatically when the burner stops

**Strong R&D teamwork**

With experienced R&D engineers who will work on your modifications, moldings, electromechanical engineering, 3D drawing and debugging etc.

Multi-channel gas burner nozzle for rotary kiln

CFD simulates the combustion of large thrust burners with swept secondary air

Axial swirl step-less adjustable multi-channel burner

Thrust vector nozzle: diffusion and convergence

Thrust vector nozzle: rotate left & right