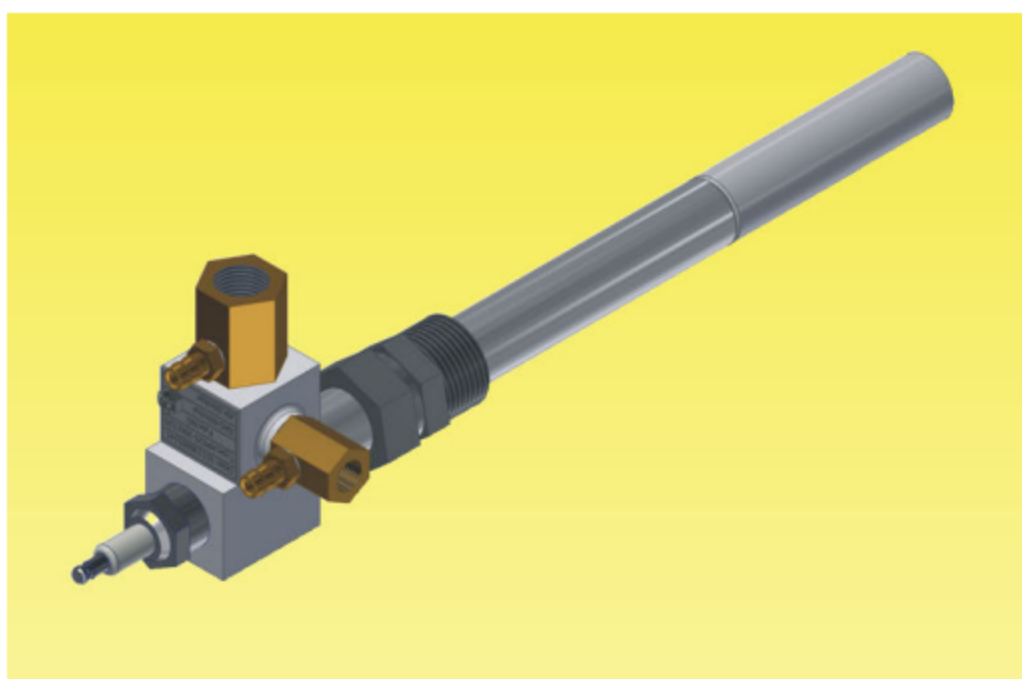




AMI Ignition Burner



Foshan NUOE Combustion Control Technology Co., Ltd.

Tel: 4000-8397-18

Web: <http://www.astechnic.net>

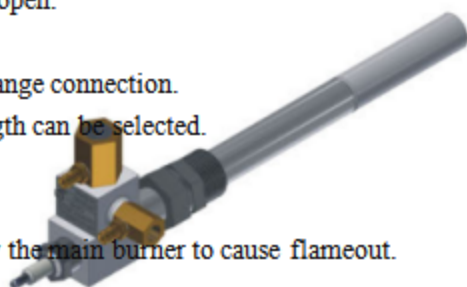
E-mail: [Astechnic @ 163.com](mailto:Astechnic@163.com)

AMI Ignition Burner

High rigidity flame, low nitrogen emission

Features

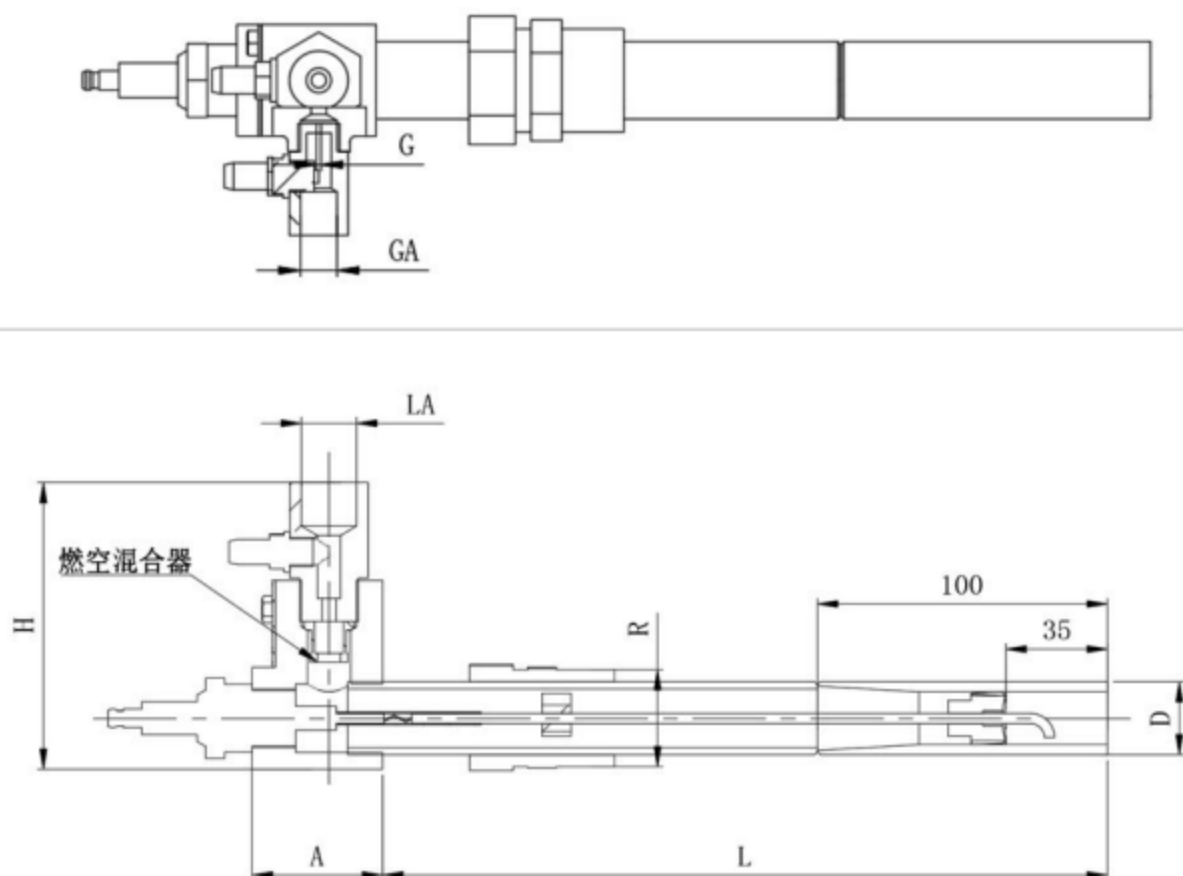
- Heating method: direct heating, combustion-supporting air is always open.
- Ignition / detection mode: single electrode ignition detection.
- Installation method: Movable bayonet type pipe connection / fixed flange connection.
- Specification and model: Four kinds of power, a variety of burner length can be selected.
- Burner structure: Modular design for easy maintenance.
- Applications: High power burner ignition / low power open stove.
- Flame characteristics: strong flame rigidity, not easy to be affected by the main burner to cause flameout.
- Control mode: on/off pulse control / long open fire.
- The gas inlet and air inlet of AIM Ignition Burner are equipped according to different fuel types.
- Gas and air are supplied independently and mixed in advance in the shell.
- Both the gas inlet and the air inlet are equipped with pressure measuring devices to facilitate flow measurement.
- When in use, the mixture of gas and air is ignited at the ignition electrode at the front end of the ceramic swirl.
- Extremely high back pressure ensures that ignition burner will not have tempering problems.



Product Description

- | | |
|---|-------------------------------|
| ● Air shell: Die casting aluminum | ● Power: 2~4KW |
| ● Material material for air inlet pipe: H59 | ● Air inlet pressure: 120mbar |
| ● Applied maximum furnace temperature: 1050°C | ● Gas inlet pressure: 80mbar |
| ● Fire pipe material: SUS 310S | ● Fuel: NG /LPG/COG |
| ● Combustion head: Ceramics | ● Adjustment ratio: 1:3 |
| ● Preheat the air: Normal temperature | |

Installation Dimensions of Burner



Fuel-air mixer

Model	Maximum Power KW	Dimension/mm					
		A	H	D	LA	GA	R
AMI 16	2	45	98	16	Rp1/2	Rp1/4	Rp1/2
AMI 20	3.5	45	98	20	Rp 1/2	Rp1/4	Rp3/4
AMI 25	4	45	98	25	Rp1/2	Rp1/4	Rp1
AMI 32	6	45	98	34	Rp1/2	Rp3/8	Bolt hole diameter 80 flange (4-φ10)

The length of the igniter L increases from 50 to 1000.

Example: AMI16 300R .