

## High-Efficiency IGBT Induction Melting Furnace with 15-20% Power Saving

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: Huarui
- Certification: patent; national testing report; quality management system
- Model Number: to be negotiated
- Minimum Order Quantity: 1 set
- Price: to be negotiated
- Packaging Details: wooden package
- Delivery Time: 20~45 days
- Payment Terms: T/T; L/C
- Supply Ability: 100000 sets/year



#### Product Specification

- Power Factor: >95%
- Melting Efficiency: High
- Cooling System: Closed Cooling Tower
- Safety: HIGH
- Reliability: High
- Power Saving: 15%-20%
- Control System: IGBT
- Highlight: IGBT induction melting furnace, power-saving metal melting furnace, high-efficiency induction furnace



#### More Images



## Product Description

### Product Description:

The Metal Melting Furnace is a cutting-edge electric induction furnace for metal melting, offering high reliability and superior performance. Utilizing advanced IGBT control system technology, this electric induction melting furnace ensures precise control and efficient operation. With a power factor exceeding 95%, this electric induction furnace is designed to maximize energy efficiency, resulting in significant power savings of 15% to 20% compared to traditional melting furnaces. This makes it an environmentally friendly and cost-effective solution for metal melting applications.

Equipped with a state-of-the-art Closed Cooling Tower system, the Metal Melting Furnace maintains optimal operating temperatures, enhancing the longevity and performance of the furnace. The cooling system ensures consistent and reliable operation, further contributing to the overall reliability of the electric induction furnace.

Whether you are in the metalworking industry or a research facility requiring precise metal melting capabilities, the Metal Melting Furnace is a top-of-the-line solution that combines high reliability, advanced control system, exceptional power efficiency, and innovative cooling technology.

### Features:

Product Name: Metal Melting Furnace

Reliability: High

Power Saving: 15%-20%

Power Factor: >95%

Safety: HIGH

Melting Efficiency: High

### Technical Parameters:

Cooling system	Closed Cooling Tower
Power saving	15%-20%
Safety	HIGH
Melting efficiency	High
Control System	IGBT
Power factor	>95%
Reliability	High

### Applications:

Product Application Occasions and Scenarios for the Metal Melting Furnace:

The Huarui metal melting furnace is a versatile electric induction furnace for metal melting, suitable for various occasions and scenarios. Here are some key application areas:

1. Foundries: The electric induction melting furnace is commonly used in foundries for melting and casting various metals such as iron, steel, aluminum, and copper. Its high melting efficiency and power-saving features make it a reliable choice for foundry operations.
2. Metal Fabrication Workshops: Metal fabrication workshops can benefit from the precise control system of the Huarui furnace, which ensures consistent melting temperatures for producing high-quality metal components.
3. Jewelry Making Industry: The electric furnace for melting metal is widely used in the jewelry making industry for melting and casting precious metals like gold, silver, and platinum. The closed cooling tower system helps maintain a safe working environment for artisans.
4. Research and Development Labs: With its certification for quality management systems, the Huarui metal melting furnace is ideal for research and development labs conducting experiments requiring precise control over the melting process.
5. Industrial Manufacturing Plants: Industrial manufacturing plants can take advantage of the Huarui furnace's high safety standards and supply ability of 100,000 sets per year. The product's patent certification and national testing report ensure compliance with industry standards.

Overall, the electric induction melting furnace from Huarui, with its advanced IGBT control system, offers a combination of high safety, power-saving capabilities, and efficient metal melting performance. Whether in foundries, workshops, jewelry making, labs, or manufacturing plants, this product delivers reliable and consistent results.

### Customization:

Product Customization Services for the Metal Melting Furnace

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Payment Terms: T/T; L/C  
Supply Ability: 100000 sets/year  
Cooling system: Closed Cooling Tower  
Power Saving: 15%-20%  
Control System: IGBT  
Reliability: High  
Power Factor: >95%



**Shandong Huarui Electric Furnace Co., Ltd.**



+86 13235363441



sales@huarui-furnace.com



melt-furnaces.com

Mount Taishan Street, Anqiu Economic Development Zone, Weifang, Shandong, China