

100kg Stainless Steel Induction Melting Furnace

This stainless steel induction furnace is designed for fast melting of metals. It utilizes induction heating technology to efficiently melt various metals with good electricity saving effect and speedy temperature rise.



Overview

High-Efficiency Induction Melting Solution

This industrial-grade stainless steel induction furnace is engineered for rapid and efficient metal melting. It features advanced constant power output and zero-voltage sweep-frequency startup, ensuring energy-saving performance and consistent results. Designed with robust protection systems, this furnace is an ideal choice for operations requiring uniform metal heating and precise temperature control.

Technical Performance

Performance Metrics

100 KW

Rated Power

0.17 T/H

Melting Rate

620 KWH/T

Energy Consumption

18 Minutes/batch

Melting Time

Capacity Specifications

Metric	Value
Rated Capacity (T)	0.05
Maximum Capacity (T)	0.06

Electrical Systems

Electrical Parameters

- Input Voltage: 380V
- MF Output Voltage: 750V
- MF Frequency: 2.5 KHZ
- Pulse: 6
- Transformer Capacity: 120 KVA

Operational Features

Key Advantages

Constant Power Output, Energy Efficient, Zero-Voltage Sweep-Frequency Start, Uniform Metal Heating, Overcurrent Protection, Overvoltage Protection