

Gold Smelting Furnace



WELL-TECH EQUIPMENT
威尔国际矿业装备



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Portable gold smelting furnace

Brief Introduction

Siemens IGBT power all-solid-state inverter module technology, strong frequency induction heating device output current is through the induction coil generates a strong magnetic field. Under the action of the magnetic field is formed on the surface eddy current heating operation, to rapidly heat the workpiece.

Advantages and Characteristics

- Heating: the fastest heating less than one second, and the heating rate can adjust control
- Energy saving: more than 95% thermal efficiency, the perfect alternative to silicon, gas, B decision, coke, electric stove
- The machine safety and reliability: over-current, phase, water shortages, over-voltage, short circuit, overheat protection, greatly improving the security of the device
- Small footprint: less than 1 square meter, light weight easy move
- Machine installation, simple operation, without on site commissioning, connect with water and power can start work directly
- With electromagnetic stirring function enables more uniform melt, help scum, reduce impurities, so that more light without casting solution or melt shrinkage phenomenon
- Mainly for metals: platinum, palladium, rhodium, gold, silver, copper, steel, aluminum, carbon, gold dust, Sands, electrolytic mud, gold and silver powder, etc.

Main Technical Parameters

Model	Portable			Cabinet		
	TG-15A	TG-25A	TG-35AB	TG-15A	TG-25A	TG-35AB
Input Voltage (V)	single phase 220V	3 phase 380V	3 phase 380V	single phase 220V	3 phase 380V	3 phase 380V
Power (Kw)	5Kw	5Kw	10Kw	5Kw	5Kw	10Kw

Melting weight (Kg)	1-2	1-4	1-8	1-2	1-4	1-8
Smelting time (min)	≤3	≤5	≤5	≤3	≤5	≤5
Dimension (mm)	490*240*480	590*260*480	590*260*480	450*450*900		
Weight (Kg)	20	28	35	75	85	85