

Vacuum Induction Melting Furnace Arc Melting Furnace

Item Number: KT-VI



Introduction

Get precise alloy composition with our Vacuum Induction Melting Furnace. Ideal for aerospace, nuclear energy, and electronic industries. Order now for effective smelting and casting of metals and alloys.

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Crucible effective volume	4L
Crucible effective capacity (Steel)	20kgs
Max temperature	2000 °C
Max melting vacuum	<ul style="list-style-type: none"> • 7×10⁻³Pa • Vacuum time: open diffusion pump when preheating is complete, then up to 7×10⁻³Pa in 30 minutes.
Rated power	60KW
Rated voltage	375V
Power frequency	50HZ
Rated frequency	1500~2500HZ
Rated frequency	1500~2500HZ
Heat element	Induction copper coil
Vacuum system	<ul style="list-style-type: none"> • 70L/s Double stage Rotary vane mechanical pump • Dia.300mm diffusion pump, Max. pumping speed: 5000L/s • Dia.300mm diffusion pump clod trap, effective cooling cycle for pump oil • Dia.300mm diffusion pump flapper valve + Dia.80mm former pump flapper valve • Stainless pipe + stainless bellows

Model	Capacity	Temperature	Vacuum	Rated power
KT-VI5	5kg	1700 °C	6x10 ⁻³ Pa	40Kw
KT-VI10	10kg			40Kw
KT-VI25	25kg			75Kw
KT-VI50	50kg			100Kw
KT-VI100	100kg			160Kw
KT-VI200	200kg			200Kw
KT-VI500	500kg			500Kw

Semi-contentiously melting production can be customized