

# 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"> <li>• 7×10<sup>-3</sup>Pa</li> <li>• Vacuum time: open diffusion pump when preheating is complete, then up to 7×10<sup>-3</sup>Pa in 30 minutes.</li> </ul>
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"> <li>• 70L/s Double stage Rotary vane mechanical pump</li> <li>• Dia.300mm diffusion pump, Max. pumping speed: 5000L/s</li> <li>• Dia.300mm diffusion pump clod trap, effective cooling cycle for pump oil</li> <li>• Dia.300mm diffusion pump flapper valve + Dia.80mm former pump flapper valve</li> <li>• Stainless pipe + stainless bellows</li> </ul>

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

Semi-contentiously melting production can be customized