

“A SMART MOVE”

IGNITE INDUCTION

“
JEWELLERY CASTING &
MELTING SYSTEM





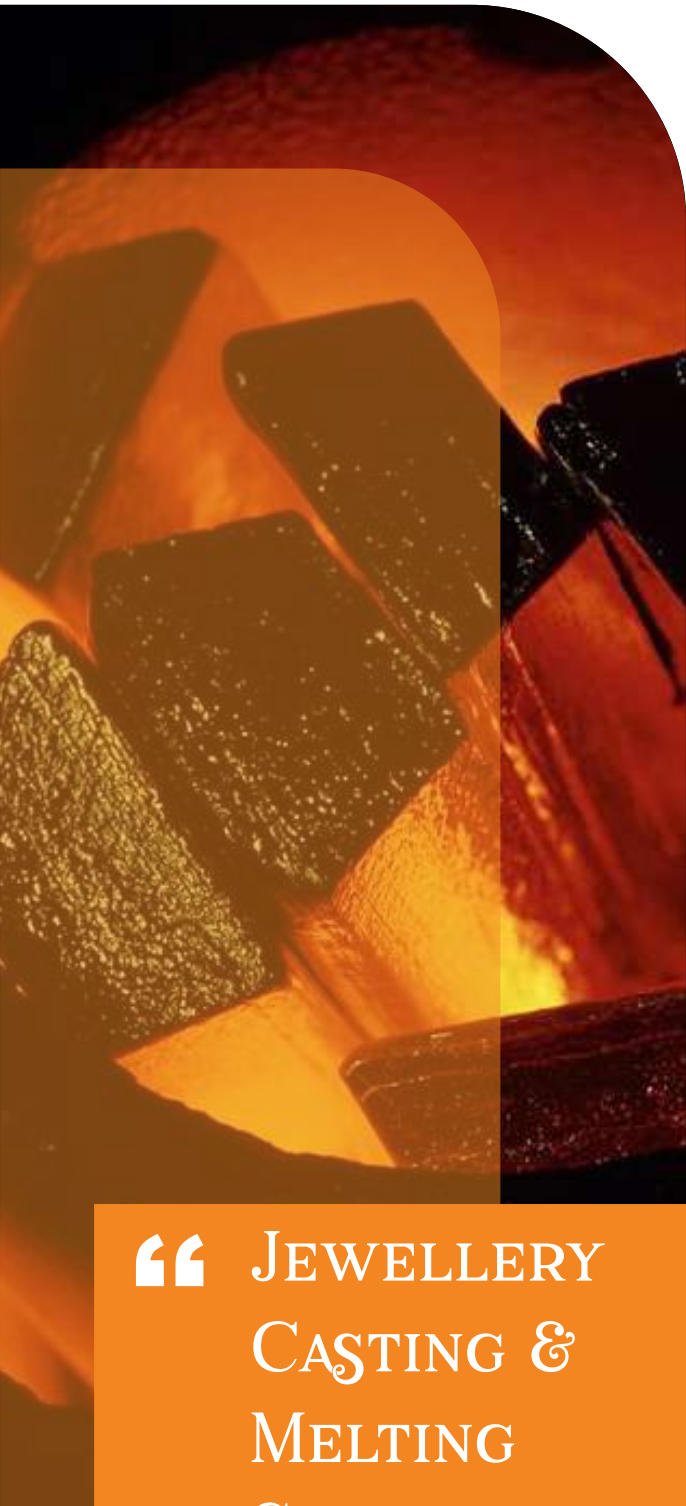
WELCOME & INTRODUCTION

We at Ignite are passionate and dedicated to manufacturing precious metal melting and casting machinery for gold and silver. Our products include customized induction melting furnaces for gold and silver casting, and jewellery casting machinery for jewellery making.

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**A
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ABOUT COMPANY



“ JEWELLERY
CASTING &
MELTING
SYSTEM

WHAT IS INDUCTION MELTING?

Induction melting is a process where metal is melted into liquid form in an induction furnace's crucible. The molten metal is then poured from the crucible, usually into a cast.

WHAT ARE THE BENEFITS?

Induction melting is extremely fast, clean and uniform. When correctly performed, induction melting is so clean that it is possible to skip the purification stage necessary with other methods. The uniform heat induced in the metal also contributes to a high-quality end result. Ignite Induction melting systems have advanced ergonomic features. They not only make workplaces safer, but also increase productivity by making the melting process faster and more comfortable.

WHY CHOOSE US



IGBT Technology



Compact Design



Simple to Operate



Low Maintenance



Fast & Economical



Low Energy Consumption



Flame Less Silent Operation



Advance Controlling System

1Kg & 2Kg



Model:	IG-1/2
Power Supply:	Single Phase (230v/50Hz)
Output Power:	3.5kw
Technology:	IGBT
Crucible Capacity:	1kg & 2kg gold (24kt)
Melting time:	4 to 6 min.
Max. Temp.:	1200°C
Water Cooling System:	Water Chiller
Fabrication structure:	Foldable
Size:	585 x 600 x 900 mm (With Water Chiller)
Weight:	120kg (Induction + Water Chiller)

3Kg & 4Kg



Model:	IG-3/4
Power Supply:	Three Phase (440v/50Hz)
Output Power:	7kw
Technology:	IGBT
Crucible Capacity:	3kg & 4kg gold (24kt)
Melting time:	6 to 8 min.
Max. Temp.:	1200°C
Water Cooling System:	Water Chiller
Induction Size:	585 X 600 X 800 mm
Water Chiller Size:	630 x 630 x 960 mm
Weight:	150kg (Induction + Water Chiller)

10Kg & 20Kg



Model:	IG-10/20
Power Supply:	Three Phase (440v/50Hz)
Output Power:	12kw
Technology:	IGBT
Crucible Capacity:	10kg & 20kg gold (24kt)
Melting time:	15 to 20 min.
Max. Temp.:	1200°C
Water Cooling System:	Water Chiller
Induction Size:	650 X 750 X 950 mm
Water Chiller Size:	630 x 630 x 960 mm
Tilting Size:	600 X 550 X 750 mm
Weight:	220kg (Induction + Water Chiller+ Tilting)

Induction Based Bottom Pouring Vacuum Casting Machine



Model:	IVC-1/2
Power Supply:	Three Phase (440v/50Hz)
Output Power:	7kw
Technology:	IGBT
Crucible Capacity:	1kg & 2kg gold (24kt)
Melting time:	4 to 6 min.
Max. Temp.:	1200°C
Water Cooling System:	Water Chiller



Ignite Induction LLP. is the largest one-stop solution for Induction technology. We are leaders in wide range of Induction Melting, Induction Brazing, Induction Heating machines etc. Our commitment to using advanced IGBT technology to manufacturing these machines to ensure supreme quality of our products.

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