

INDUCTION MELTING

Induction melting is the process to melt the ferrous and non-ferrous metals for forming applications, tools & component casting and precious metal melting etc.

Microtech Induction Melting Furnace provides energy efficient & cost effective melting of metals for various applications

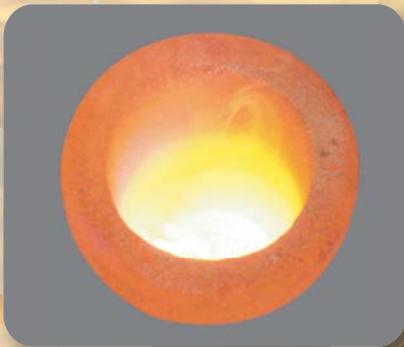
SALIENT FEATURES

- ✓ Uniform metal melting due to induction churning
- ✓ Less oxidation loss
- ✓ Easier molten charge handling
- ✓ No pre-heating required
- ✓ Cost efficient & energy saving
- ✓ Highest system efficiency
- ✓ Highly adaptable for automation
- ✓ Eco-friendly due to noiseless and flameless operation
- ✓ No statutory approvals required
- ✓ Lesser risk involved compared to conventional methods
- ✓ Application Specific
- ✓ Auto or manual mode operation
- ✓ Improved power factor.
- ✓ Tropicalised design
- ✓ Compact size.



MELTING APPLICATIONS

- ✓ Gold melting
- ✓ Silver melting
- ✓ Steel foundry
- ✓ Aluminum foundry
- ✓ Alloy melting



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Some of the application related components

TECHNICAL SPECIFICATIONS

Power range	05 - 15 kW.	15 - 30 kW.	30 - 50 kW.	50 - 500 kW.
Frequency range	01 - 400 kHz.	05 - 30 kHz.	05 - 30 kHz.	03 - 30 kHz.
Adaptation to change load charecteristics	YES	YES	YES	YES
Load sensed self tuning	YES	YES	YES	YES
Size	W - 620 mm	W - 620 mm	W - 620 mm	W - 1000 mm
	D - 700 mm	D - 700 mm	D - 750 mm	D - 850 mm
	H - 500 mm	H - 500 mm	H - 1380 mm	H - 1450 mm
Input Power Range	Single Phase	Three Phase	Three Phase	Three Phase
	230 V / 50 Hz.	440 V / 50 Hz.	440 V / 50 Hz.	440 V / 50 Hz.

In our endeavour to make better products, Microtech Induction Pvt. Ltd. reserves the right to change any specifications at any moment and without prior notice, to the models (including programming), their accessories and optionals.



MICROTECH INDUCTIONS PVT. LTD.

AN ISO 9001: 2000 COMPANY

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