

Advanced Technology
for Jewelry

AN ISO 9001 - 2008 COMPANY



ELECTRIC COMPANY

The Symbol of Quality

Innovating Induction Systems



SHAPET
ELECTRIC COMPANY

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FOR THE FIRST TIME IN THE WORLD A UNIQUE INDUCTION MELTING FURNACE



SPECIFICATION OF MACHINE

Power Supply	: Single Phase
Voltage	: 230 V Ac
Absorbed Power	: 3.5 Kw
Capacity of Crucible	: 300 Gm. Gold ⁺
Maximum Temperature	: 1200 Degree
Melting Time	: 4 - 6 Min. ⁺⁺
Temperature Measurement	: K Type
Cooling Water Temperature	: 20 To 35
Water Pressure	: 3 Bar
Maximum Water Flow	: 3 Lit / Min
Weight	: 25 Kg.

Dimension (In Cms) (L X W X H)

Melter	: 43 X 25.5 X 42
Chiller	

† Brimful Capacity †† Under Standard Condition

BENEFITS :

- ◆ Small, Safe, Easy and sturdy model.
- ◆ Low power consumption & can also be used in a/c showrooms.
- ◆ Quick first melting within 6-8 minutes for increased productivity.
- ◆ Continuous melting of metal with chilling plant.
- ◆ Perfect mixing of alloys due to auto stirring & reduced metal loss.
- ◆ Economical and efficient in operation, single phase.
- ◆ No products of combustion or waste product.
- ◆ Up to 80% Income Tax Depreciable for Energy Saving - Flame less Device.

300 GM. INDUCTION MELTING MACHINE



LITTLE WONDER



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**500 GM. & 1 KG. INDUCTION MELTING MACHINE****SPECIFICATIONS**

■ Power Supply	Single phase
■ Voltage	230 V AC
■ Absorbed Power	5 kw
■ Capacity of Crucible	500 Gms & 1 Kg. 24 carat gold
■ Maximum Temperature	1200 degree
■ Melting Time	6 to 8 min
■ Temperature Measurement	k type
■ Cooling Water Temperature	20 to 35
■ Water Pressure	3 bar
■ Maximum Water Flow	3 lit /min
■ Weight (With Chilling Unit)	83 kg Approx
■ Induction (in cms)	44 x 44 x 48 (L X W X H)
■ Chiller (in cms)	44 x 44 x 48 (L X W X H)

† Brimful Capacity †† Under Standard Condition

HIGHLIGHTS

- Fully automatic control
- Automatic power regulation
- Easy to install
- Feather touch controls; Simple in operation
- All safety precautions provided
- Heat and power loss reduced
- Less power consumption
- Reduce metal loss

**2 KG. TO 5 KG. INDUCTION MELTING MACHINE****SPECIFICATIONS**

■ Power Supply	: Three Phase
■ Voltage	: 415v 50Hz/60Hz
■ Absorbed Power	: 8 kw
■ Capacity of Crucible	: 4 Kg 24Kt (Gold)
■ Maximum Temperature	: 1200 degree
■ Melting Time	: 8 to 10 min.
■ Temperature Measurement	: Digital/k type
■ Cooling Water Temperature	: 20 to 35 degree
■ Water Pressure	: 4 Bar
■ Maximum Water Flow	: 4 ltr/min
■ Weight (With Chilling Unit)	: 120 Kg Approx
■ Dimension L x W x H (cms)	
Furnace Unit	: 56 x 51 x 82
Chilling Unit	: 56 x 51 x 81

HIGHLIGHTS

- Fastest operation at lower cost
- Instant heating with finger tip control.
- All safety precautions provided
- Consistent quality of Melting
- Creative and innovative technology
- Both gold & silver can be melted
- Reduced Melting expenses



10 KG. TO 60 KG. INDUCTION MELTING MACHINE

FEATURES:

- Operates on Three phase 440v. A.C.
- Fully automatic controls
- Heat and power loss reduced
- Less power consumption
- Simple to operate
- All safety precautions provided
- You can use it for melting gold and silver.
- Feather touch controls
- Automatic regulations of temperature
- Automatic power control
- Perfect homogeneous mixing Increased productivity.
- Economical and efficient in operation.
- Energy saving-Flameless furnace

TECHNICAL SPECIFICATIONS:

Power Supply	: Three Phase
Voltage	: 440 volt AC
Absorbed Power	: 15 kw
Capacity of Crucible	: 10 KG or 20 KG
Maximum Temperature	: 1200 degree
Melting Time	: 15 min
Temperature Measurement	: Automatic
Cooling Water Temperature	: 35 degree Max

■ Dimensions (cms)	: L x W x H	■ Weight (kg - Approx)	
■ Induction Generator	: 80 x 60 x 113	■ Induction Generator	: 79
■ Tilting Unit	: 62 x 62 x 92	■ Tilting Unit	: 60
■ Chiller	: 84 x 59 x 105	■ Chiller	: 131

† Brimful Capacity †† Under Standard Condition



SPECIFICATIONS

Power Supply	Single Phase
Voltage	230 v AC
Absorbed Power	5 kw
Capacity of Crucible	1 Kg 24 Carat Gold
Maximum Temperature	1200
Melting Time	6 to 8 min
Temperature Measurement	K Type
Cooling Water Temperature	20 to 35
Water Pressure	3 bar
Maximum Water Flow	3 lit per min
Weight (With Chilling Unit) & Vacuum Pump	226 kg Approx

DIMENSIONS (cms) L X W X H

■ Casting unit (in cms) (L x W x H)	82 x 61 x 103
■ Chilling Unit (in cms) (L x W x H)	56 x 51 x 81
■ Vacuum Pump	59 x 18 x 28

HIGHLIGHTS

- Accurate casting temperature controlling
- Advantage of vacuum casting hence optimal results
- All safety precautions provided
- Consistent quality of casting
- Creative and innovative technology
- Instant heating with finger tip controls
- Less oxidation casting due to bottom pouring
- Reduced casting expenses
- Use for casting & melting also (both use)

1 KG., 2 KG. & 3 KG. INDUCTION CASTING MACHINE



† Brimful Capacity †† Under Standard Condition



Our Esteemed Clients In Jewellery Field > > > >



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