



BENEFITS OF INDUCTION HEATING

- Tilting Induction Melting Furnace provides improved energy efficiency vs traditional furnaces and kilns
- Better process control with high degree of controllability and repeatability
- Safe pouring of large volumes of molten metal with tilting capability
- Low maintenance requirements
- Increased productivity

Long lasting and durable tilting Induction Melting Furnaces for larger volume of metals.

Good for melting up to 40kg of gold or 20 kg of silver.

Custom models also available.

Smooth and accurate tilting control makes pouring of the molten metal a safe and simple process.

Digital control panel with status messages and diagnostics features.

Fast induction melting using advanced circuit with low energy consumption.

Reliable equipment, easy to install, maintain and service.

HEADQUARTERS:

158-2 Remington Blvd
Ronkonkoma, New York 11779
Tel: 631.467.6814
sales@ultraflexpower.com



ultraflexpower.com

FEATURES

- Power regulation (10 – 100%) with power bar-graph indicator.
- Advanced digital controls with service and diagnostics features.
- Temperature controller - works with a thermocouple probe or optional IR pyrometer.
- Standard automatic or optional manual tilting control

SPECIFICATIONS

	UM-25	UM-40
Absorbed Power	25 kW	40 kW
Output Frequency	10 kHz - 40 kHz	10 kHz - 40 kHz
AC Line, (50/60Hz), 3 Phases	380 V / 480 V \pm 10%	380 V / 480 V \pm 10%
Crucible Capacity	25 kg Gold	40 kg Gold
Crucible Volume	1500 cm ³	3000 cm ³
Melting Temperature (max)	1250 °C	1250 °C
Cooling Requirements water system quoted upon request	Water (External)	Water (External)
Weight	250 kg (550 Lb)	250 kg (550 Lb)
Dimensions, LxWxH	63 cm x 56 cm x 130 cm (24.8" x 22" x 51.2")	63 cm x 56 cm x 130 cm (24.8" x 22" x 51.2")

APPLICATIONS

Melting of Metals.

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