



BENEFITS OF INDUCTION HEATING

- Induction Melting Furnace provides improved energy efficiency – heat only when needed
- Higher degree of controllability
- Process repeatability
- Low maintenance requirements
- Increased productivity

Reliable and durable Induction melting furnaces perfect for any precious or non-precious metals and alloys.

Fast induction melting using advanced circuit with low energy consumption.

Flexible systems can be configured to melt different metals and alloys.

Temperature control for preventing overheating and burning of the metal (thermocouple probe or IR pyrometer).

Stainless steel front with high temperature top cover ensures prolonged heavy duty use.

Reliable equipment, easy to install, maintain and service.

HEADQUARTERS:

158-2 Remington Blvd
Ronkonkoma, New York 11779
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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.
- Optional transformer for 3-phase/230V AC line requirements.





SPECIFICATIONS

	UM – 10G	UM – 15G	UM – 15P	UM – 15S
Absorbed Power	10.0 kW	15.0 kW	15.0 kW	15.0 kW
AC Line, (50/60Hz), 3 Phases	380 V/480 V ±10% Optional 230VAC	380 V/480 V ±10% Optional 230VAC	380 V/480 V ±10% Optional 230VAC	380 V/480 V ±10% Optional 230VAC
Crucible Capacity	10 kg Gold	15 kg Gold	2 kg Pt	5 kg SS
Crucible Volume	678 cm ³	960 cm ³	291 cm ³	1276 cm ³
Melting Temperature (max)	1300 °C	1300 °C	2000 °C	2000 °C
Cooling Requirements water system quoted upon request	Water (External)	Water (External)	Water (External)	Water (External)
Weight	125 kg (275.6 Lb)	125 kg (275.6 Lb)	125 kg (275.6 Lb)	125 kg (275.6 Lb)
Dimensions, LxWxH	65 cm x 55 cm x 97 cm (25.6" x 21.7" x 38.2")	65 cm x 55 cm x 97 cm (25.6" x 21.7" x 38.2")	65 cm x 55 cm x 97 cm (25.6" x 21.7" x 38.2")	65 cm x 55 cm x 97 cm (25.6" x 21.7" x 38.2")

APPLICATIONS

Melting of Metals.

Optional Equipment

	Description	Part Number
TS-03 	IR Temperature Sensor with stand	1ACC-016-350-00
CA-02 	Argon Gas Dispenser	1ACC-016-260-00

