



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.

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.

APPLICATIONS

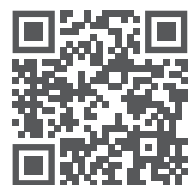
Induction Melting of Metal

HEADQUARTERS

10 Colt Court
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BENEFITS

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



SPECIFICATIONS

| | UM – 4G OUPT-016-250 | UM – 15G OUPT-016-450 | UM – 15P OUPT-016-450 | UM – 15S OUPT-016-450 |
|---|--|--|--|--|
| Absorbed Power | 10.0 kW | 15.0 kW | 15.0 kW | 15.0 kW |
| AC Line, (50/60Hz), 1 Phase | 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 |
| Melting Temperature (max) | 1300 °C | 1300 °C | 2000 °C | 2000 °C |
| 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 |
| 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") |

OPTIONAL EQUIPMENT

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

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