



BENEFITS

- Improved energy efficiency compared to resistance or flame heating
- Uniform heating with high degree of controllability and repeatability
- Increased productivity by rapid time-to-temperature heating
- Eliminates open flame safety hazard and propane handling costs
- Low maintenance requirements, easy to use systems

Cast Precious and Non-Precious metals

Vacuum / Argon Atmosphere prevents oxidation

The process does not require Crucibles or Rings

No Centrifugal Force – No lost metal

Reliable, modular system, easy to maintain and service

Easy to Install and simple to Operate

Durable and compact system

APPLICATIONS

Casting – pressure

HEADQUARTERS:

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



ultraflexpower.com



FEATURES

- Pressure Injection Casting
- Compact Tabletop Design
- Simple Operation – Load – Melt – Cast
- Easy to navigate user interface
- Built-in compact water cooling unit
- Loaded with tuning and diagnostic features
- Advanced Induction Heating Technology
- Sophisticated control of Vacuum / Argon Atmosphere



Optional Equipment

| | Description |
|-------|-----------------------|
| TS-01 | IR Temperature Sensor |

SPECIFICATION

| | UltraCast-D |
|------------------------------------|--------------------------------------|
| Absorbed Power, kW | 3.0 |
| Frequency, kHz | 74 |
| AC Line, Volts (50/60Hz) | 230±10% |
| Line Phases | 1 |
| Crucible Capacity | 80g Cr/Co, 80 Ni/Cr |
| Min Flask Size, Inch (mm) | D=1,5 x L=2,3 (D=38 x L=58) |
| Max Flask Size, Inch (mm) | D=3,2 x L=2,5 (D=63.5 x L=81) |
| Max Melting, T° | 2000 C° |
| Cooling System | Water-Internal |
| Weight, Lb (kg) | 123.5 (56) |
| Dimensions, Inch (cm) LxWxH | 20.1 x 23.2 x 24.8 (51 x 59 x 63) |

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