

UltraCast Series

4-4.8kW/74kHz

Efficient Power for
Heating Solutions



BENEFITS OF INDUCTION HEATING

- Improved energy efficiency
- Higher degree of controllability
- Increased repeatability
- Low maintenance requirements
- Increased productivity

Cast all metals including Titanium, Precious and Non-Precious

Vacuum / Argon Atmosphere prevents oxidation

The process does not require Crucibles or Rings

No Centrifugal Force – No lost metal

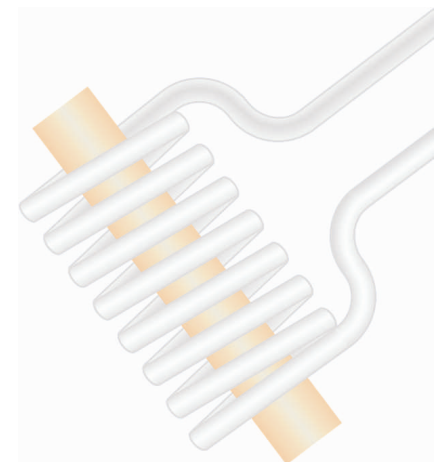
Reliable, modular system, easy to maintain and service

Easy to Install and simple to Operate

Durable and compact system

APPLICATIONS

Casting – pressure



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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	UltraCast-J
Absorbed Power, kW	4.0	4.8
Frequency, kHz	74	74
AC Line, Volts (50/60Hz)	230±10%	230±10%
Line Phases	1	1
Crucible Capacity	80g Cr/Co, Ni/Cr, 60g Ti	250g Pt, 250g Au
Max Melting, T°	2000 C°	2000 C°
Cooling System	Water-Internal	Water-Internal
Weight, Lb (kg)	123.5 (56)	123.5 (56)
Dimensions, Inch (cm) LxWxH	23.2 x 19.7 x 19.7 (59 x 50 x 50)	23.2 x 19.7 x 19.7 (59 x 50 x 50)



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