



BENEFITS OF INDUCTION HEATING

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

Cast all metals, 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.

HEADQUARTERS:

158-2 Remington Blvd
Ronkonkoma, New York 11779
Tel: 631.467.6814
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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



SPECIFICATIONS

	UltraCast-J
Absorbed Power, kW	4.0
Frequency, kHz	74
AC Line, Volts (50/60Hz)	230±10%
Line Phases	1
Crucible Capacity	170g Gold
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)

APPLICATIONS

Casting-pressure.

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