



### BENEFITS OF INDUCTION HEATING

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

Cast Gold, Silver and Brass.

Low energy consumption.

Fast heating by advanced induction generator.

Very high efficiency and speed.

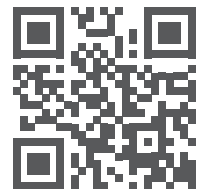
Reliable, easy to maintain and service.

#### HEADQUARTERS:

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

- Metal injection with aspiration and overpressure
- Pneumatic Flask Lift – air pressure 6 bar
- Graphite Stopper Rod positioned at the centre of the crucible
- Temperature Control – Thermocouple in the sealing rod
- Granulation system – optional
- 10 Programmable cycles with 10 parameters per cycle
- External water cooling – 6 L/min (1.6 gpm) at 3 Bar (45 psi) minimum, 30oC
- Vacuum-Aspiration: 100 Mbar with 40m3m/h vacuum pump
- Argon required for each casting – max 60 l, Argon pressure 2 bar
- Optional transformer for 380/480V requirements

### SPECIFICATIONS

	PressCast 3G	PressCast 5G
Absorbed Power kW (max)	10.0	10.0
Frequency kHz	6	6
AC Line, Volts (50/60Hz)	230±10% 380/480±10% (optional)	230±10% 380/480±10% (optional)
Line Phases	3	3
Crucible Capacity	3kg Gold	5kg Gold
Max Flask Size (mm)	D=120 x H=300	D=120 x H=300
Max Melting T°	1300 C°	1300 C°
Cooling System	Water (External)	Water (External)
Weight Lb (kg)	639.3 (290)	937 (425)
Dimensions Inch (cm) LxWxH	27.6 x 39.8 x 53.1 (70 x 101 x 135)	27.6 x 39.8 x 53.1 (70 x 101 x 135)

### APPLICATIONS

Casting-pressure.

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