



## *PressCast*

## Superior Technology Modernizing the Casting Process



- ❑ Casting Precious and Non-Precious Metals – excellent for Gold, Silver, Brass
  
- ❑ Vacuum/Argon Atmosphere
  
- ❑ Accurate and Reliable

## Centrifugal Induction Casting Machine PressCast

**Induction Casting Machine for casting all metals, including precious and non-precious metals and alloys.**

This casting machine provides fast and versatile induction melting and accurate and reliable casting with overpressure/aspiration injection. This casting machine is suitable for Gold, Silver, and Brass.

Perfect homogenization of the alloy ensures that the structure of the metal is retained after casting.

The machines are designed in accordance with the CE safety regulations and are equipped with the necessary devices to ensure safe operation.

# InductroniX An Induction Technology Solutions Company

## Induction Casting Products

Phone: (949) 232-5837

Email: Sales1@Inductronix.com

### Features

- ☑ Metal injection with aspiration and overpressure
- ☑ Pneumatic Flask Lift – air pressure 6 bar
- ☑ Graphite stopper rod positioned at the center of the crucible
- ☑ Temperature Control – Thermocouple in the sealing rod
- ☑ 10 programmable cycles with 10 parameters per cycle
- ☑ External water cooling – 6 L/min (1.6 gpm) at 3 bar (45 psi) minimum 30°C
- ☑ Vacuum-Aspiration: 100 Mbar with 40m<sup>3</sup>/h vacuum pump
- ☑ Argon required for each casting – max 60 l, Argon pressure 2 bar
- ☑ Granulation system – optional

### Specifications

Model	Absorbed Power kW (max)	Output Frequency kHz	AC Line Current A (max)	AC Line Volts V rms	Line Freq. Hz	Weight Lb (kg)	Dimensions Inches (cm)	Melting T° (max)
PressCast	10	6	3x17.5	380 Three Ph	50/60	639 (290)	28x55x34 (70x140x85)	2732°F 1500°C
	<b>Crucible Capacity</b>		5kg Gold, 3kg Silver					
	<b>Max Flask Dimensions</b>		0mm 120 x Hmm 300 with or without flange					

### Benefits

- ☑ Cast Gold, Silver, Brass
- ☑ Low energy consumption
- ☑ Very high efficiency and speed
- ☑ Reliable – easy to maintain and service

### Applications

- ☑ Jewelry Production
- ☑ Other metal parts
- ☑ Material Research

