



### BENEFITS OF INDUCTION HEATING

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

EasyCast J is a compact and affordable centrifugal casting system perfect for small jewelry manufacturers or boutique shops.

This universal casting machine can cast all metals and alloys: precious and non-precious. Centrifugal injection with high-acceleration casting provides high quality, consistent results.

Advanced, efficient technology with automatic frequency setting and low energy consumption.

EasyCast utilizes fast melting using state-of-the art induction heating generator utilizing the latest technology.

Reward: Casting in vacuum and inert gas atmosphere guarantees complete protection from oxidation.

Integrated Infrared temperature control guarantees casting quality and repeatability.

The reliable modular system, is to maintain and service.

#### HEADQUARTERS:

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



[ultraflexpower.com](http://ultraflexpower.com)

## FEATURES

- Centrifugal injection jewelry casting system with pneumatic movement for fast coil descent
- Internal water cooling system with pressure and water temperature control
- Centrifugal arm balancing with adjustable counterweight
- Advanced digital control panel with status and diagnostics messages
- Melting power regulation from 10% to 100%
- DC motor with reduction gear and adjustable acceleration from 0.1 to 1 sec.
- Max rotating speed – 500 rpm. Rotation timeout pre-set at 40 sec.
- Auto locking of the chamber lid during centrifugal phase for maximum safety
- Integral vacuum pump (EC-12 model)
- Inert (argon or nitrogen) gas circuit included (EC-12 model)

## SPECIFICATIONS

	EC-11	EC-11T	EC-11V	EC-12
Absorbed Power, kW	3.0	3.0	3.0	3.0
AC Line, Volts (50/60Hz)	230±10%	230±10%	230±10%	230±10%
Line Phases	1	1	1	1
Crucible Capacity	140g Pt, 150g Au, 80g Ag	140g Pt, 150g Au, 80g Ag	140g Pt, 150g Au, 80g Ag	140g Pt, 150g Au, 80g Ag
Max Flask Size (mm)	D - 80, H - 75	D - 80, H - 75	D - 80, H - 75	D - 80, H - 75
Max Melting, T°	2000 C°	2000 C°	2000 C°	2000 C°
IR Temperature Reader	n/a	included	n/a	included
Cooling System	Water-Internal	Water-Internal	Water-Internal	Water-Internal
Vacuum Pump	n/a	n/a	included	included
Weight, Lb (kg)	220.5 (100)	220.5 (100)	242.5 (110)	242.5 (110)
Dimensions, Inch (cm) LxWxH	19.7" x 26" x 41.3" (50 x 66.3 x 105)	19.7" x 26" x 41.3" (50 x 66.3 x 105)	19.7" x 26" x 41.3" (50 x 66.3 x 105)	19.7" x 26" x 41.3" (50 x 66.3 x 105)

## APPLICATIONS

Casting – centrifugal.

### HEADQUARTERS:

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



ultraflexpower.com

### Optional Equipment

	Description	Part Number
HE-017	Heat exchanger	1ACC-017-510-00

