



Induction L.L.C.

**INDUCTION HEATING SOLUTIONS**

***Supercast: A Casting System In A Class By Itself.***

**Supercast 11/12/13**  
***With patented RCS System***  
***(Rotating Coil System)***

- Eliminates induction coil movement
- Metal is still heated during rotation
- Extremely compact metal castings
- Totally microprocessor controlled
- Decreased coil maintenance
- 220V, Single-Phase Power Requirement
- Excellent for Gold alloy. Ideal for Chrome-Cobalt & Nickel-Chrome
- Exceptional for Platinum and Titanium



*For more information visit us on the web: [www.rdoinduction.com](http://www.rdoinduction.com)*



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*Detail of Supercasting Casting Chamber showing the heating coil directly connected with centrifugal arm. During the rotation process the heating will continue up to 10 seconds, keeping the metal liquid during injection into the flask.*



**Control Panel**



Technical Data	Supercast 11	Supercast 12	Supercast 13
Temperature Reader	Optional		Included
Vacuum	No	Included	
Argon Gas	Optional	Included	
Cooling	Built-in or External closed circuit water circulation system		
Max Temperature	2000 C°		
Titanium Cycle			Included
Self-diagnosis	All the functions are microprocessor controlled		
Rotation Time	Preset at 45 Sec. Automatic rotation stop		
Casting Time	Adjustable. Max casting speed approx: 45 Sec. per 150 gms Pt		
Memories	10 complete working programs with up to 9 parameters/program		
Crucible Capacity	Supercast 11/12 -200 gms Pt, Supercast 13 -200 gms Pt -Ti 80 g		
Frequency	65/90 kHz		
Power	4 kW	4 kW	5kW
Consumption	AC 220-230 V - Single phase - 50/60 Hz		
Weight	100 Kg	130 Kg	130 Kg
Dimensions in Cm	L 67 x P 55 x H 100 cm (27 x 22 x 40")		