



SuperCast 3



Superior Technology Modernizing the Casting Process

- ☑ Casts All Dental Alloys
- ☑ The Best Choice for Titanium Casting
- ☑ Accurate and Reliable
- ☑ Fast and Versatile

Centrifugal Induction Casting Machine SuperCast 3

The Induction Casting machine for casting all dental metals, including precious and non-precious metals and alloys. The best choice for Titanium casting.

These casting machines provide fast and versatile induction melting and accurate and reliable casting with centrifugal injection. The casting method allows for easy spruing and achieves extremely compact metal.

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

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

InductroniX An Induction Technology Solutions Company

Induction Casting Products

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Features

- Centrifugal injection casting machine for casting of any dental alloy, including Titanium
- Easy-to-use digital control panel with advanced diagnostic features and error messages
- Integral water cooling system
- Auto locking of the chamber lid during centrifugal phase for maximum safety
- Integral 10 m³ vacuum pump
- Metal emissivity Regulation
- Direct drive motor with centrifugal acceleration regulation: 0.1 to 1 sec.
- Max rotating speed – 500 turns/min. Rotation time pre-set at 45 secs
- Inert (Argon) gas circuit included
- Titanium cycle with automatic washing cycle
- Infrared temperature control with fiber optics
- 16 user programs, with 10 programmable parameters each

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)
SuperCast 3	4	60-90	20	220/230 Single Ph	50/60	287 (130)	26x22x40 (67x55x100)	3632°F 2000°C
	Casting Time		45 seconds					
	Max Crucible Capacity		80g of Gold, Cr/Co or Ni/Cr					

Benefits

- Casts ALL dental alloys, precious and non-precious
- Patented Rotating Coil System (RCS) provides excellent casting and no delay time due to coil lifting
- Automatic frequency setting
- Metal injected in the liquid phase
- Highly efficient technology provides for low energy consumption
- Easy to install and simple to operate

Applications

- Dental Laboratories
- Medical Implants

