

Indutherm MC16 and MC20V Casting Kits

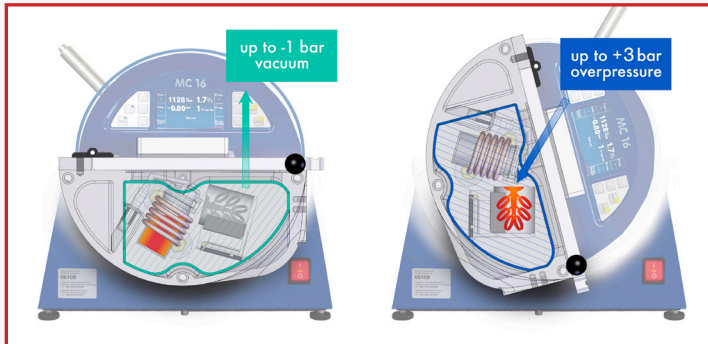
MC 16V Kit - \$21,299

SKU#74-925

MC20V Kit - \$23,500

SKU#74-927

The Indutherm MC Casting machines will melt and cast **brass, gold, silver, platinum, palladium and stainless steel** under vacuum with temperature control up to 2000°C. The entire casting process can be carried out simply, quickly, and safely, even without any prior casting experience. The crucibles are large enough to solve any standard casting task for any studio or atelier. The entire process is extremely fast, especially when combined with speed investment compounds. This allows for rapid response to new models, express orders, and last-minute ideas.



After pouring, the MC series automatically switches to overpressure to optimize the cast, designed specifically for delicate and fillgree parts.



The MC Series is designed for jewelers making small castings and small to medium series production. Perfect for todays custom jeweler.



Indutherm MC16



Indutherm MC20V

Max Power	3.5KW	
Max Temperature	2000°C	
Vibration Technology	No	Yes
Temperature Measurement	1300°C Standard - Optional 1600°C Thermocouple	
Optical Pyrometer	Not Applicable	2000°C Optical IR Pyrometer
Casting Volume	100g Au / 110g Steel / 200g Pt	
Maximum Flask Size	Up to 30/50/65/80mm W x 80mm H	
Automatic Vaccum & Overpressure	Standard	
Vacuum or Overpressure	-1 or +2 bar	-1 or +3 bar
Washing by Inert Gas	Standard	
Power Supply	230V 1 Phase, 16 Amps	
Dimensions and Weight	17.5"H x 16" W - 60lbs	



sales@romanoff.com
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1-800-221-7448

Indutherm MC16 and MC20V Casting Kits

The **Romanoff Super Blue Automatic Furnace** heats to 2000°F- ideal for lost wax casting and annealing applications. The digital Sentry Xpress controller includes temperature holds and multiple ramps. The 3-key digital controller is in the base. The front control panel is tilted for easy operation of the digital controller. Easily fits two large casting flasks.



Max Temperature	2250°F
Fire Chamber Size	8.5"x8.75"x9" / 0.39 cubic ft
Flask Capacity	Two 4"x8.5" Flasks
Power	14A, 110V, 1680W
Dimensions & Weight	14" x 17.5" x 19.75", 80lbs

With **St. Louis Mixers**, you can automatically mix and pour your investment in an enclosed see through mixing chamber. A very important feature of these units is mixing and pouring investment under a controlled vacuum environment with vibration. This saves time by combining mixing, pouring and vacuuming operations. Since it is user friendly, anyone can be trained in just a few minutes.



Powder Capacity	1-KG
Flask Capacity	100x120mm Flask
Flask Plate Diameter	100mm
Dimensions	12"L x 14"W x 29"H
Voltage	220V - 1ph

Products Included in the Casting Kit



STARTER KIT	
1: 76-047-I	Stainless Steel Flask
2: 78-2007	Flask Saddle Adapter
3: n/a	Graphite Mold and Steel Alloy
4: n/a	Platinum Crucible Zircon Paint
5: 005-013-M	Blue Tubing - 8 OD x 5mm ID
6: 76-016-I	Indutherm Cone Style Sprue Base 80mm / 3"
7: 78-2005	Stainless Steel Crucible - 110g
8: 78-2003	Platinum Crucible - 220g
9: 78-2004	Gold Crucible - 100g
10: 78-2010	Gold and Yellow Platinum Lens
11: n/a	Air Filter + 8mm Fittings
12: 78-2006	Quartz Crucible Protection Tube
13: 78-2002-PT	Thermocouple Protection Tube
14: 78-2002	Thermocouple Type N - 1300°C
15: 78-2100-TG	80mm Flask Tongs



3 CFM Vacuum Pump



Hydro-Air Pressure Washer Gun



Investment Scale 0-10 lbs



Max Wax Speed Pen



10 Non-Asbestos Paper Bases - 4" OD x 3.25" ID



Stainless Steel Flask 80 x 80mm / 3" x 3" 12 Gauge



Indutherm Cone Style Sprue Base 80mm / 3"



Non-Asbestos Paper Roll 2.5" x 1/16" x 75'



Adjustable Sprue Base Holder



Platinum Wax Mushroom Base 5 Pack



3 Liter Measuring Pitcher



Vacuum Investment & Casting Machine 3 Way Valve



Wax Sprue Rods 6" x 3/8" Stiff 45 rods per lbs.



Ranson & Randolph Ultra Vest Investment - 40lbs



J-Break Platinum Investment Remover



J-Formula "606" Platinum Investment



Maun Sprue Cutter 6.5" / 165mm length



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