

# Indutherm MC100V Casting Kit

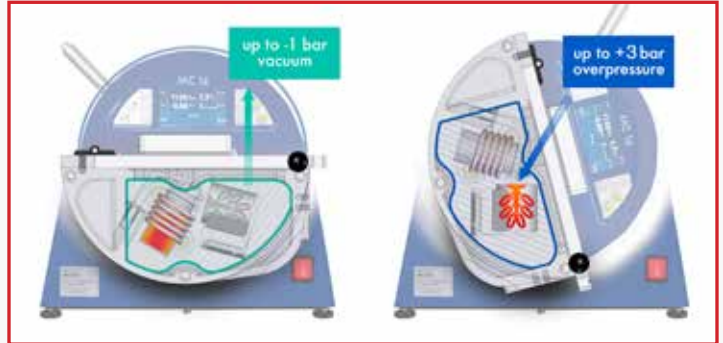
**\$47,995**

SKU#74-929

The **Indutherm MC100V** has been developed with the user in mind for whom the MC 16 or 20V is too small but a simple machine from the large VC series (e.g. the VC 400) is too big or requires too much manual operation. This small-medium high-performance casting machine is ideal for jewelry alloys such as **gold, silver, copper and bronze**, as well as for alloys of **platinum, brass and aluminium**. Thanks to the vacuum and overpressure functions as well as the many automatic control features, the machine provides first class castings with very little work. The use of the included vibration technology when casting ensures better form filling, creating casts with greater, more consistent densities, higher elasticity and reduced porosity.



Pouring off is simple and easy, and takes place using a 90° rotation of the casting unit.



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



## Indutherm MC100V

<b>Max Power</b>	8.5kW
<b>Max Temperature</b>	2000°C
<b>Vibration Technology</b>	Standard
<b>Temperature Measurement</b>	1300°C Thermocouple / Up to 2000°C Pyrometer
<b>Casting Volume</b>	450g Au, 250g Steel, 500g Pt
<b>Maximum Flask Size</b>	Up to 100/120mm W x 120mm H
<b>Automatic Vacuum &amp; Overpressure</b>	Standard
<b>Vacuum or Overpressure</b>	-1 or +3 bar
<b>Washing by Inert Gas</b>	Standard
<b>Power Supply</b>	400V 3 Phase
<b>Dimensions and Weight</b>	20" D x 20" W x 28"H - 120lbs



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# Indutherm MC100V Casting Kit

SKU#74-931

The **Romanoff Super Blue Automatic Furnace** heats to 2000°F- ideal for lost wax casting and anealing 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 three standard casting flasks.



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.



Optional - Platinum Kit is available with flask stand and smaller investment chamber.

<b>Max Temperature</b>	2000°F
<b>Fire Chamber Size</b>	8.5"W x 9"H x 12"D
<b>Flask Capacity</b>	Three 4"x8.5" Flasks, 0.53 cubic ft
<b>Power</b>	19A, 110V, 2280W
<b>Dimensions &amp; Weight</b>	14" x 22.5" x 20", 81lbs

<b>Powder Capacity</b>	6-KG
<b>Flask Capacity</b>	Three 100 x 250mm Flask
<b>Flask Plate Diameter</b>	280mm
<b>Dimensions</b>	49 x 42 x 105 cm
<b>Voltage</b>	220V

## Products Included in the Casting Kit



- |                |                                       |
|----------------|---------------------------------------|
| 1: 78-4507     | Flask Saddle Adapter for 100mm Flasks |
| 2: 76-0661-I   | Stainless Steel Flask - 100x120mm     |
| 3: 78-2506     | Outer Quartz Clear Crucible Shield    |
| 4: n/a         | Graphite Mold and Steel Alloy         |
| 5: 78-4504     | Gold/Silver Crucible - 450g Au        |
| 6: 78-4503     | Platinum Crucible - 500g              |
| 7: 78-2010     | Gold & Yellow Platinum Lens           |
| 8: 005-013-M   | Blue Tubing - 8 OD x 5mm ID           |
| 9: n/a         | Air Filter and 8mm Fittings           |
| 10: 76-019-I   | Sprue Base - Cone Style - 100mm / 4"  |
| 11: 78-4502    | Thermocouple Type-N                   |
| 12: 78-4502-PT | Thermocouple Protection Tube          |
| 13: 78-2200-TG | Tongs for 100mm Flasks                |

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|--------------------|-------------------------------|---------------------------|-----------------------------------|-------------------|------------------------------|
| SKU#7119           | SKU#79-001                    | SKU#76-110                | SKU#74-000-WC                     | SKU#74-006        | SKU#21.890-1                 |
|                    |                               |                           |                                   |                   |                              |
| 10 CFM Vacuum Pump | Hydro-Air Pressure Washer Gun | Investment Scale 0-10 lbs | Platinum Wax Mushroom Base 5 Pack | Max Wax Speed Pen | Adjustable Sprue Base Holder |

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|--|---|--|---|---------------------------------|---------------------------------------|
| SKU#76-0661-I                                      | SKU#76-047-I  | SKU#76-0855                                | SKU#76-0881-4RND                                | SKU#78-090                      | SKU#79-0305                           |
|  |   |  |   |                                 |                                       |
| Stainless Steel Flask 100 x 120mm / 4" x 5" - 12ga | 2 Stainless Steel Flasks - 80 x 80mm 3" x 3" - 12ga | Non-Asbestos Paper Roll 2.5" x 1/16" x 75' | 10 Non-Asbestos Paper Bases - 4" OD x 3 1/4" ID | 14" Non-Asbestos Casting Gloves | Maun Sprue Cutter 6.5" / 165mm length |

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|--|---|---|-------------------------------------|--|---|--|---|---|
| 76-109/76-109-250ML                                  | SKU#74-048-S                                      | SKU#Z14-301-40                                  | SKU#80-137-1CAR                     | SKU#Z14-305-606C                                     | SKU#76-016-I                                | SKU#76-019-I                                   | SKU#78-4507                                   | SKU#76-113-3W                                   |
|  |   |   |                                     |  |   |  |   |   |
| 3 Liter Measuring Pitcher + 250ML Graduated Cylinder | 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 with Blue Binder | 2 Indutherm Cone Style Sprue Base 80mm / 3" | Indutherm Sprue Base - Cone Style - 100mm / 4" | Flask Saddle Adapter for 80mm / 3" DIA Flasks | Vacuum Investment & Casting Machine 3 Way Valve |



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