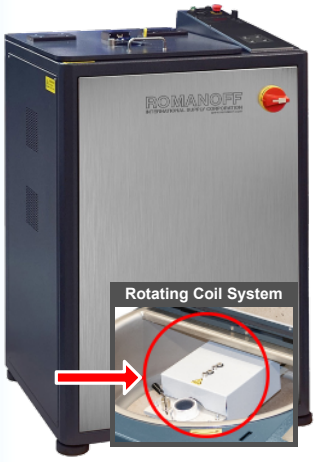
# RCS Centrifugal Casting Kit (74-928)

## Gold, Silver, & Platinum up to 2000°C

The Romanoff RCS is capable of casting all precious metals and related alloys in a vacuum controlled environment with optional **Optical Pyrometer** temperature control up to 2000°C. Comes standard with a built-in vacuum pump, **water recirculating system**, and **argon gas circuit** with programmable vacuum/argon washing cycles to prevent gas contamination of the metal during cool down.




**200g Platinum**
**170g 18ct Gold**

**Interior**
**(8 ½" x 8 ¾" x 9")**

❶ 79-7100 ❷ 77-0911-A ❸ 76-113-MINI

| Description | Part Number | Each |
|---|---|---|
| Romanoff RCS Casting Kit | 74-928 | $33,495.00 |

**RCS Machine Specifications:**

| | ❶ 79-7100 (4kW) |
|---|---|
| Part Number | |
| Output Frequency kHz | 60-105 kHz |
| Power/ Line Phases | 220 V/ 1-Ph |
| Crucible Capacity | 200g Platinum, 170g Gold |
| Max Flask Size (mm) | 80mm D x 75mm H |
| Operation | Semi-Automatic |
| Dimensions (LxWxH) | 25.2" x 26.4" x 41.3" |
| Weight | 342 lbs |

## RCS Starter Kit


| Item # | Description |
|---|---|
| 1 n/a | Oil for Built-in Vacuum Pump |
| 2 79-702 | Gold Crucible (170g) |
| 3 79-701-LG | Platinum Crucible (200g) |
| 4 n/a | Owner's Manual (USB) |
| 5 n/a | Spacer for Flask Saddle |
| 6 n/a | Tools |
| 7 79-700-TONGS | Tongs for Flask |

## RCS Casting Kit Includes

| Item # | Description |
|---|---|
| ❷ 77-0911-A | Super Blue 8.5" x 8.75" x 9" Programmable Furnace 110V |
| ❸ 76-113-MINI | St Louis Vacuum Mixer 220V Single Phase |
| ❹ 7115A | Vacuum Pump 3 CFM 110/220V |
| ❺ 76-110 | Investment Scale 0 - 10 lbs |
| ❻ 74-000-WC | Platinum Wax Mushroom Base - 5 Pack |
| ❼ 74-006 | Max Wax Speed Pen |
| ❽ 79-0305 | Maun Sprue Cutter - 6.5" (165mm) Long |
| ❾ 76-016-I | 80 mm Cone Style 8 mm Sprue Base (2ea) |
| ❿ 21.890-1 | Adjustable Sprue Base Holder |
| ⓫ 76-047-I | 80 x 80 mm Stainless Steel Flask (2ea) |
| ⓬ 76-0855 | Non-Asbestos Paper Roll - 2.5" x 1/16" x 75' |
| ⓭ 76-0881-4RND | 20 Pack-Non-Asbestos Paper Bases - 4" OD x 0.75" ID |
| ⓮ 76-109 | Graduated 3 Liter Measuring Pitcher |
| ⓯ 79-109-250ML | 250ML Graduated Cylinder |
| ⓰ Z14-301-40 | Ransom & Randolph Ultra-Vest Investment - 40lb Bliss Box |
| ⓱ 80-137-1CAR | J-Break Platinum Investment Remover - 1 Gallon |
| ⓲ Z14-305-606C | J-Formula "606" Platinum Investment With Blue Binder - 50 lbs Kit |
| ⓳ 74-048-S | Wax Sprue Rods 6" x 3/8" Stiff (45 rods / lbs) |