



ST. LOUIS INVESTMENT MIXERS



With St. Louis Mixers, operators can **automatically mix and pour investment** in an enclosed, see through mixing chamber. A key feature of these units, mixing and pouring of investment is done **under a controlled vacuum environment with vibration**.

This process not only produces a better result but also saves time as the user will **not need to separate mixing, pouring and vacuuming operations**.

Their simple, user-friendly interface makes operation very simple for users of all skill levels.



St. LOUIS MINI MIXER 76-113-MINI

Specifically designed for platinum and gold investment mixing. Has a 1-liter capacity as well as adjustable vibration & speed control. Great for producing one 100 mm x 120 mm flask per cycle. 2 lbs powder capacity.



ST. LOUIS 82 PLATINUM: 3 Kg (6 Kg Au) 76-113-4KG

Platinum investment vacuum mixing unit supplied with particular mixing container and special cross blade. This unit comes supplied with a **separate standard mixing container*** to be used also for gold investment powder. A syringe is provided for additive independent loading of binder.



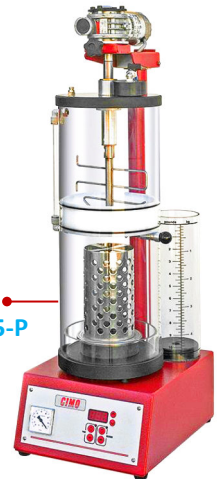
ST. LOUIS 82: 6 Kg 76-115

Tabletop unit, specifically designed for gold investment mixing. 13 lbs powder capacity.



ST. LOUIS 92: 4 Kg 76-115-P

Tabletop unit, specifically designed for gold investment mixing.



Specifications:

Item #:	76-113-MINI	76-113-4KG-P	76-115	76-115-P
Powder Capacity	2 lbs	8 lbs	13 lbs	13 lbs Gold / 6 lbs Platinum
Max Flask Height	4.5"	7.75"		7.75" Gold / 3.75" Platinum
Flask Plate Diameter	3.9"	5.9"	11"	
Machine Dimensions	11.8" L x 13.7" W x 28.3" H	11.8" L x 13.7" W x 37.4" H	19.2" L x 16.5" W x 41.3" H	18.1" L x 16.5" W x 41.3" H
Voltage	220V 1 Phase			
Weight (Unpacked)	44 lbs	52 lbs	134 lbs	154 lbs
Suggested Vacuum Pump Size	6/10 m ³ (5-CFM)	6/10m ³ (8 CFM)	6/10m ³ (10 CFM)	18m ³ (10 CFM)



76-114 / 76-114-14XL



76-130



With optional side rollers and scale!

76-131

St. Louis 2000- 10 / 14 76-114 / 76-114-14XL

The St. Louis 2000-10 & 2000-14 machines are the only patented system to blend investment under vacuum and shorten working time, all while being extremely user friendly. The machine guarantees a better environment both for the operator and others working in the same area, as the sealed system eliminates toxic dust from the atmosphere. Complete de-gassing of the investment and various mixer speeds suitable for every type of investment. Vacuum pump included. Up to 22 lbs powder capacity for the 2000-10 and 30 lbs for the 2000-14.

St. Louis 2000 XXL-22 76-131

The only patented system to blend investment for fusion, eliminating any presence of gas, the St. Louis 2000 XXL-22 mixer has all of the compelling features of the 2002-XL with an increased capacity. Due to a heavy weight of the mixing container filled with powder, the unit is supplied with a side metal cabinet with rollers and digital scale for the easy transfer of the mixing container in it's working position. 100 cbm/h vacuum pump included, voltage: 380V, 3 Phase. Up to 48 lbs powder capacity.

St. Louis 2002-XL 76-130

Equipped with all the compelling features of the St.Louis 200- 10/ 14 machines, the St. Louis 2002-XL is a heavy-duty automatic unit, designed for multiple flasks filling in each single investment preparation. Up to 30 lbs powder capacity.

Specifications:

Item #:	76-114 / 76-114-14XL	76-130	76-131
Powder Capacity	22 lbs / 30 lbs	30 lbs	48 lbs
Max Flask Height	13"		15.7"
Flask Plate Diameter	14.1"	12.9"	17.1"
Machine Dimensions	24.4" L x 25.9" W x 67.7" H	28.3" L x 31.4" W x 68.8" H	22.44" L x 47.2" x 48.4" H 28.3" L x 31.4" W x 68.8" H (w / side rollers and scale)
Voltage	220 V 1-ph	220 V 1-ph + 380 V 3-ph	220 V / 380 V
Weight (Unpacked)	462 lbs	352 lbs	346 lbs / 507 lbs (w / side rollers and scale)
Suggested Vacuum Pump Size	40/50 m ³ (21 CFM)	100m ³ (21 CFM)	100m ³ (21 CFM)