

Gold Star Powders

Vacuum Casting Machines

Gold Star Powders has a range of casting and melting systems for both the industrial and jewellery sectors. This technology makes the production processes faster, easier and more efficient in the manufacture of cast jewellery.

Currently, there are two induction-melting Vacuum Casting Machines available. The smaller model, the GS380, has been designed with the small and medium sized caster in mind, with a crucible volume of 2.25 kilos of 18-carat gold and a flask size up to 250mm tall.

The larger model, the GS595, is a fully automated casting machine, and is ideal for the high volume casting facility. It has the ability to cast from as little as 3.4 kilos of 18-carat gold using the smallest crucible, increasing to as much as 7.5 kilos of 18-carat gold using the largest crucible.

The GS595 has the following benefits:

- 60 Casting Programs, resulting in ease of operation.
- Automatic locking system, making safety a priority when using this machine.
- Faster metal flow into the mould for the highest quality castings.
- Overpressure for optimum filigree work.

Gold Star is a brand name synonymous with quality products at competitive prices.

This range of casting machines further underlines our commitment to providing the discerning caster with the best consumables and machinery to optimise efficiency and quality.



Industrial and Jewellery Casting



GS380



GS595

Gold Star  Powders
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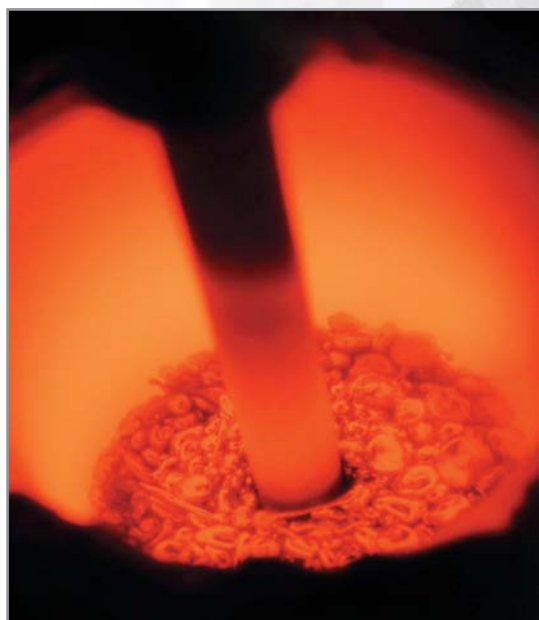
Vacuum Casting Machines

Technical Specifications

SPECIFICATIONS	GS380	GS595
Crucible Volume	170ccm = 2,5kg Au18ct*	245ccm = 3,6kg Au18ct*
Vacuum chamber for flasks	Up to 130mm x 260mm/ 5" x 10" (perforated with or without flange). Smaller flasks are used with an adapter	130mm x 260mm/5" x 10" (perforated with or without flange). Smaller flasks are used with an adapter.
Automatic protective gas insert	Yes	No
Automated casting cycles	No	Over 70
Automatic flask and chamber lift	No	Yes
Data printer with diagnostic system	No	Yes
Turbo pressure function	Yes	Yes
Dimensions in cm H x W x D	80 x 50 x 67	145 x 50 x 82
Weight	85kg	140kg



GS380



Induction Melting

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