

PT CAST

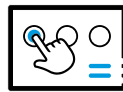
The innovative casting system for platinum

With a casting volume of up to 500 g of platinum at each cycle in an Argon gas-controlled atmosphere, the PT Cast delivers an **excellent product with a smooth surface finish**.



INNOVATIVE CASTING SYSTEM

The patent-pending linear casting system, with the **crucible positioned horizontally and perfectly aligned with the flask, prevents vortices and temperature drops**.



EASY TO USE

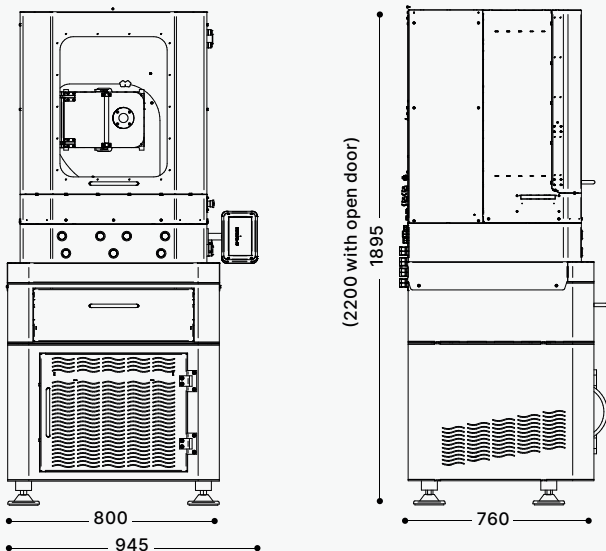
Increased control thanks to an interactive touch screen, that allows to save customized programs.



CONSISTENT FINEST RESULTS

Thanks to its innovative system **PT Cast achieves flawlessly smooth surfaces with no porosity** and great alloy homogeneity, even for filigree jewelry pieces.

*dimensions in mm



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sales@orotig.com

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FEATURES

MADE IN ITALY

Large casting volumes

PT Cast can handle up to 500 g of platinum.

Visibility

Large inspection window from which you can monitor the casting process and determine the ideal time to perform the chamber rotation.

Quick Controls

Main controls in manual mode to facilitate operating the machine with gloves. Once the parameters are set, the buttons allow to complete a cycle without using the touch screen.



Innovative casting system

Thanks to our innovative inline casting system, with the crucible positioned horizontally and perfectly aligned with the flask, metal pouring happens swiftly, avoiding vortices and temperature drops, thus enhancing the quality of the final result.

★ PATENT PENDING

Touch screen

7" colour display with intuitive interface, possibility to set customised programs and check the parameters during the cycle.

TECHNICAL DATA

PT Cast

CASTING PROCESS

Induction

CASTING VOLUMES (g)

Platinum (500 g)

WORK CYCLE

Up to 6 / hour

OVERPRESSURE WITH GAS

Argon 2 bar

VACUUM

10⁻² bar

MAX FLASK SIZE (h X Ø, mm)

170 x 130

TEMPERATURE CONTROL

Pyrometer, up to 2000° C

FLASK BLOCKING

Automatic

FLASK FILLING

Automatic

FLASK FILLING SYSTEM

Tilting

COOLING SYSTEM

External liquid cooling system (not included)

DISPLAY

Touch screen 7"

POWER

230 Vac ±10%, 60 Hz, 3P + N + PE - max power consumption 5.5 kW

400 Vac ±10%, 50 Hz, 3P + N + PE - max power consumption 5.5 kW

WEIGHT

400 kg

ACCESSORIES



CHILLER