

PROMETHEUS

Patented inline casting system for precious metals

Prometheus is a **fully automatic, easy to use tabletop casting machine** that enables jewelry producers to create customized designs directly at their shop, reducing lead time for the end customers.



CONSISTENT, HIGH-QUALITY RESULTS

Perfectly smooth surface with reduced porosity and great alloy homogeneity are obtained thanks to the **inductive power mixing** and **automatic vacuum** and overpressure functions.



FULLY AUTOMATIC

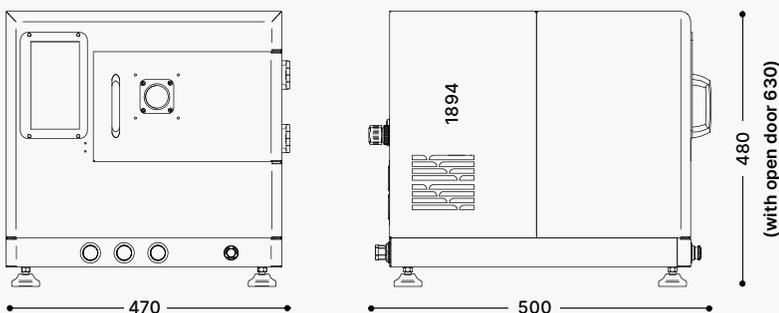
The **automatic cylinder tilting** makes it possible **even for less experienced operators** to run the casting process and ensures more consistent results.



VERSATILITY

Prometheus is the perfect choice for those working with different metals, due to its **ability to melt gold** (150 gr), **silver** (90 gr), and **platinum** (140 gr).

Compact and robust



*dimensions in mm

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REQUEST A QUOTE

sales@orotig.com

more information on orotig.com

FEATURES

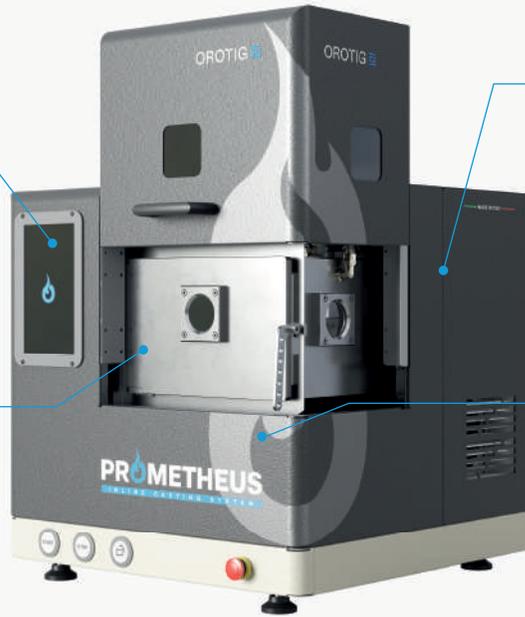
MADE IN ITALY

Easy to use

With a user-friendly interface, Prometheus is perfect for first-time operators. Simplifying the experience, it ensures accessibility and ease of use for all users.

Automatic

The operator only needs to push a button, while the tilting and the blocking happens in a completely automatic way.



Compact

Prometheus' compact size allows seamless placement in any lab, catering to even the smallest spaces. Furthermore, thanks to the integrated air cooling system, Prometheus can handle two consecutive casting cycles without the need for an external chiller, optimizing shop space even further.

Low maintenance

Manufactured in Italy using top-quality materials, Prometheus stands out for its durability and minimal maintenance requirements. It does not require any consumables, representing enduring quality and cost-effectiveness.



Patented system function

How does it work?

With its patented linear system, Prometheus features a design where the crucible is in horizontal position and aligns perfectly with the flask.

This innovative design **enables the direct and swift pouring of metal into the flask**, preventing temperature drops and minimizing vortices, enhancing the final result's quality.

TECHNICAL DATA

Prometheus

CASTING PROCESS		Induction
CASTING VOLUMES (gr)	Au 18k	150
	Ag	90
	Pt	140
MAX FLASK SIZE (h X Ø, mm)		90 x 100
TEMPERATURE CONTROL		Pyrometer, up to 2000°C
FLASK BLOCKING		Automatic
FLASK FILLING		Automatic
FLASK FILLING SYSTEM		Tilting
COOLING SYSTEM		Integrated air cooling
DISPLAY		Touch screen 7"
POWER MAX		2,5 kW 230V 50/60Hz
COMPRESSED AIR		Not needed