

WELDING



ENGRAVING



CASTING



MILLING



TI cast is the next-generation casting machine for platinum casting. Perfect for the jewellery industry, it casts up to 130 gr of titanium at once. The casting process takes place in a vacuum and controlled atmosphere with Argon gas to avoid oxidation of the alloy.



### CASTING SPEED

Thanks to a plasma TIG system, the heat is delivered directly on the metal, making the melting process extremely fast.



### WATER COOLING

Crucible and casting chamber are water-cooled to allow non-stop work and stabilize the melting temperature.



### INTERACTIVE TOUCH SCREEN

The interactive color touch screen allows to set the casting parameters, check the log file of the previous sessions, connect to the company network and much more. The main controls are manually operated to facilitate the use with gloves.

## TECHNICAL DATA

MODEL	TI cast
TYPE OF GENERATOR	Inverter #2 modules
MACHINE POWER SUPPLY	230 Vac±10% 50/60 Hz 350W
GENERATOR POWER SUPPLY	400 Vac±10% 50/60 Hz 6W
FUSION TYPE	TIG / WIG
MAX AMOUNT OF METAL	130 gr Ti
FLASK MAX DIMENSION	φ=130 mm, H=160 mm
PROTECTIVE GAS MIN PRESSURE	3,6 bar
WORKING CYCLE	6 / hour
COOLING SYSTEM	Forced air and water cooling for crucible and melting chamber
MACHINE WEIGHT	370 Kg
GENERATOR WEIGHT	53 Kg

