



Induction L.L.C.

INDUCTION HEATING SOLUTIONS

Induction Casting machine with overpressure/aspiration injection PressCast 2



Available Metal: *Gold - Silver - Brass*

Heating System: *Induction*

Metal injection System: *Aspiration and overpressure*

Flask Lift: *Pneumatic*

Crucible: *Graphite*

Sealing rod: *Positioned in the center of the crucible*

Material of sealing rod: *Silicium Carbide with Graphite top head*

Granulation system: *Available on demand*

Temperature control: *Thermocouple in the sealing rod*

Casting cycle: *To be selected automatic and manual*

Programmable Cycle: *10*

Parameters per program: *5*

Maximal Temperature: *1500° C with S type thermocouple*

Water cooling: *External*

Cooling Requirements: *360 Lh - Minimum 3 Bar - 30°C*

Air Pressure: *6 Atm*

Argon Pression: *3 Atm*

Argon required for each casting: *Max 60 L*

Max flask dimension in mm: *Ø 120 x H 300 with or without flange*

Vacuum-Aspiration: *100 Mbar with 25 m³/h vacuum pump*

Maximum metal quantity: *5 Kg Au (24 K) - 3 Kg Ag (925)*

Minimum metal quantity: *1 Kg Au*

Absorbed power: *10 kw*

Supply: *220 V - Three Phase*

Frequency: *6 Khz*

Dimensions: *W 70 cm x H 140 cm x D 85 cm*

Weight: *Kg 290*