

INDUTHERM Mini Vacuum Pressure Casting Machine MC50



Advanced induction heated casting machine for jewellery alloys like gold, silver, brass, bronze or similar. The MC 50 offers excellent results for the smaller production capacity because of vacuum/pressure casting mode.

Major application

- Castings of lower quantities of gold, silver, bronze, brass alloys
- Casting of master models, makes autonomous from big casting departments
- Excellent solution for studios and goldsmith' workshop with limited space
- Casting of rolling blanks in graphite or steel mould

Benefits for customers

- Very simple use, short training period, very good result even by operators with less of experience in casting technique
- Very easy handling
- Compact bench top model
- Single phase current model 230V/16 amps.
- Vacuum/pressure casting machine with induction heating for an excellent price-performance ratio

- 3,5 kW generator enables quick melting periods
- Strong mixing of metal by induction generator's low frequency
- Melting under vacuum for degassing of metal and better form filling
- Excellent form filling because of inert gas over-pressure of max. 1,5 bars
- Very easy replacement of crucible
- Low running costs because of inexpensive consumables
- No gaskets for flasks
- Temperature controller up to 1300°C
- Option for service and maintenance: RS232 interface for connecting PC/GSM-modem.

Data

- Electrical connection: 230V 16A, 50 or 60 Hz
- Dimensions: 400 x 470 x 400 (wxdxh) mm
- Weight without packaging: 30 kg

Crucible, flask size

- Ceramic crucible with graphite inlet max. 300 g silver 935/
max. 450 g gold 18 k
- Flask size Ø 80 x 120 mm

Basic set, comes with machine:

- 1 ceramic crucible with graphite inlay
- 1 crucible shield
- 1 thermocouple 1300°C
- 1 thermocouple protection tube