

INDUTHERM MC 15 Mini Casting System

- Perfectly suited for small castings and small series
- Minimum material consumption – a thimble may be the right measure
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3.5 KW induction heating for fast heating and high maximum temperature

- Even for the casting of steel and platinum
- Fast process time thanks to short heating period of the flasks
- The MC 15 mini casting machine is very easy to use

Suitable for all metals

The 3.5 kW induction heating means that the material melts extremely rapidly in an atmosphere without oxidation. All metals – also platinum and steel – can be cast without difficulty. The crucibles are large enough to solve any standard casting task one would find in a studio or atelier with no difficulty at all. The flasks can also accommodate larger or heavier jewelry parts. It is equally possible to melt and cast minimal amounts of metal.

The entire process is extremely fast, especially if the goldsmith uses so-called speed investment compounds. This enables rapid response to new models, fulfillment of express orders and the implementation of last-minute ideas, for example before a trade fair.

Rapid and simple casting



The whole process of casting can be carried out simply, quickly and safely without any real prior technical knowledge of casting.

In the investment machine the gipsum gets mixed under vacuum – correctly dosed and air bubble free. The flask with the wax model gets filled under vacuum, too. Vibration during filling eliminates air inclusions. The wax is melted off in the furnace and the mould is burnt out.

Handling the mini casting system is also extremely simple:



1| Fill in the material and heat up



2| Take the flask from oven with the device itself looks after all



3| Pour the molten material into the mold. The device itself looks after all

Indutherm

Features

Power Max. Electrical Connection
3.5kw 230V Single phase

Temperature Max.
2000° C

Temperature Measurement
Standard: Thermocouple type N up to 1300° C

Casting Volume
100 g Au. 18ct 110g steel 200g Pt.

For Use of Flasks upto
30/50/65/80 mm X 80 mm h

**Control Panel
NEW Digital Display**

**Automatic / overpressure Vacuum function
Standard**

**Supply:230V single phase
Standard**

**Weight
90lbs**

**Dimensions
16x17.5 x 16 (inches)**