

## **INDUTHERM Vacuum-Pressure-Casting machine VC 400**



VC 400 as Stand-Alone-Version

This modern casting machine for casting jewellery and precision parts offers excellent casting results for almost every production capacity. The VC 400 is designed to be robust and easy to use. All relevant parts are water cooled by high grade steel pipes. The VC400 is engineered for continuous operation.

### **Major application**

- All casting applications in workshops, designer's studios, smaller and medium size factories
- For all jewellery alloys, even Palladium White Gold
- Alloy preparation with gold + master alloy
- Cleaning of already used metal by granulation tank

### **Important features**

- Manual casting mode
- Induction heated
- Version 230 v / 3,5 kW with very good mixing of the liquid metal or version 3 x 400 v / 4,8 kW with excellent mixing of the liquid metal
- Crucible's capacity 170 ccm = > 2 kg AU 18 ct
- Melting under vacuum, normal atmosphere or overpressure depend on metal
- All handling steps pneumatic assisted
- Digital display indicates proper supply (air, gas, water), temperature and power at present, gauges indicates status of vacuum and overpressure
- Turbo-Pressure device for quick pressure build-up
- For vacuum flasks with flange or optional without flange (flask lift required)
- Flasks up to Ø 130 x 260 mm, standard diameters Ø 125, 100, 90, 80, 70 mm
- Oxidation reduced casting facility, very important for silver and red gold casting
- Optional: granulation tank
- Optional: diffusion bonding (sintering) kit

### **Customer's benefit**

- Very easy handling, top results
- Only short training period
- Change of crucible/stopper rod in a very short time
- Best value-performance ratio
- Compact design: 500 x 760 x 800 (1450) (wxdxh) mm, weight 85 kg