

VC 400 - Vacuum-Pressure-Casting machine



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.

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 (w x l x h) mm, weight 120 kg.

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.

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 / 4,5 kW with excellent mixing of the liquid metal.
- Crucible's capacity 170 cm³ = 2,5 kg Au 18 ct.
- Melting under vacuum, normal atmosphere or overpressure depends on metal.
- All handling steps pneumatic assisted.
- LCD-Digital display indicates proper supply (air, gas, water), temperature and power at present, 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.

VC400 casting machine with flask lift	

Our machines are designed and produced due to European directives (Machinery directive / Low voltage directive / EMC directive). At delivery we add the corresponding declaration of conformity (CE).

Options:	Picture	
VC400 with 4,5kW power, 3 phases and better mixing Additional charge		
Vacuum pump 21 m ³ /h, end pressure 1mbar, 3phase 400 V 50Hz Brand: Busch		
Vacuum pump, 25 m ³ /h, 2 mbar, 3phase 400 V 50Hz		
Granulating tank (stainless-steel) 540mm long.		
Mobile data set for remote-control/service. This price includes free connections for 10 years.		
Water re-cooling system 4,0 kW cooling power, 230V 50Hz pump included. Maximal ambient temperature is 35° C. For higher temperatures specify your room temperature. Dim. l x w x h: 744 x 550 x 860 mm weight 95 kg		
Sinter-Kit for diffusion bonding (Only with option „Standalone,, with flask lift)		
Indutherm advise a service contract Cost per year. Please don't hesitate to ask for pdf-file.		
Innovative Solutions for Networking, Data and Process Management in the Foundry: DMS, IThermControl, InduthermCloud.		

Investing units, burnout furnaces in suitable size on request

Delivery time:	According to prior agreement
Prices are quoted:	ex works Walzbachtal, packing not included
Guarantee:	1 year. Exclusively use with Indutherm consumables and valid maintenance contract, guarantee becomes 2 years longer. In this extra guarantee time all defective parts will be replaced without costs. Costs for shipping out and sending back of broken parts goes on customer's account.