



Vacuum Casting System with a Batch Mixer

The HÜBERS Know-How for Development and Small-Scale Production

Your Requirements:

You need a vacuum casting system for potting electrical components such as stators in the laboratory and test operation. It must be possible to handle multiple resin systems and changeover should be quick and easy. The vacuum casting system should be inexpensive and compact, but also sophisticated enough to be suitable for small-scale production and in addition be customizable and expandable.

Our Vacuum Casting System Type e1121

- Equipment for the batch preparation, mixing and dispensing of resin systems under vacuum
- Can be used for all common resin systems (epoxies, silicones, polyurethanes, polyesters, etc.), including filled, abrasive and high viscous materials at almost any mix ratio.
- Modular design, extensive variety of available options
- Subsequent capacity expansion possible, even integrating existing equipment
- Expandable to 2-component-system with static mixer

Our simplest multi-purpose equipment for the development, pilot and small-scale production of new applications – bringing your visions to life.

For visionary ideas.

Vacuum Casting System e1121

Characteristics, Properties, and Available Options

Vacuum batch mixer

- Usable vessel volume 1 to 12 liters and 30% added degassing volume
- Electrical anchor stirrer with variable stirring speed
- Pneumatic vessel lid lifter
- Options:
 - Electric heating
 - Vessel can be constructed in double-walled design for more efficient heating/cooling/temperature control

Casting valve

- Operated manually or electro-pneumatically
- Options:
 - Casting resin system can be dispensed via a dosing pump
 - Movable in the X- or the Y-axis via a sliding plate

Vacuum casting chamber

- Custom-built to requested dimensions
- Vacuum-tight hinged door with sight glass
- Options:
 - Rotary table, can be raised or lowered in the Z-axis either manually or with an electric motor
 - Electrical heating
 - Parts can be positioned semi-automatically or fully automatically in the vacuum chamber

Vacuum pump stand

More equipment and control options, as well as customer/product-specific versions available.