

# Pressure difference casting

## without difference vacuum casting machine

A mold can be filled with the compression funnel in simple way under compression. Even expensive vacuum casting-installations with compression difference option exceed his advantages.



The compression funnel is replaced only with the normal funnel and connected with 3 plug-type coupling units. The conversion is complete. A job of seconds.

To fill molds under compression you only need compression on the casting material in the filled funnel. Who needed a complete, complexly operated separated vacuum chamber for that the actual sense of the matter misses. Our compression funnel is locked pneumatically with a glass plate. On button press atmospheric compression is introduced then into the funnel directly. The most important instrument is the Digital Differential Pressure Display. The compression difference can be observed with that with a resolution of 1 mbar exactly. Also importantly at job iterations. Is the mold full filled opened the funnel glass plate for the pressure equalization by button and switch of the vacuum casting-installation. Complete !



### Many advantages:

- Problem-free cast of high-viscous casting-materials
- More rapid mold fill
- Little rework through smaller feeder and riser
- Most complicated designs and thin-walled coating cast are without problems feasible
- Favorable purchase price
- To add-on all vacuum casting-installations (also rival installations)
- Conversion of the casting-installation in few seconds