



Kunststoffgehäuse-Systeme GmbH

SYNPRO the vacuum casting technique

...if you are
in a hurry
once again!



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SYNPRO

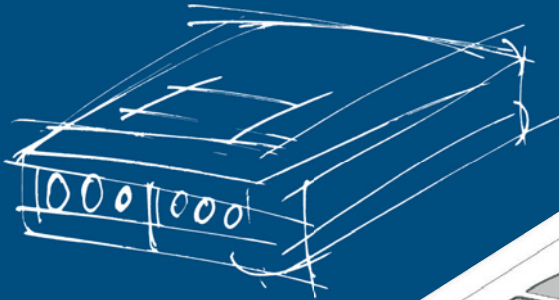
- the vacuum casting technique



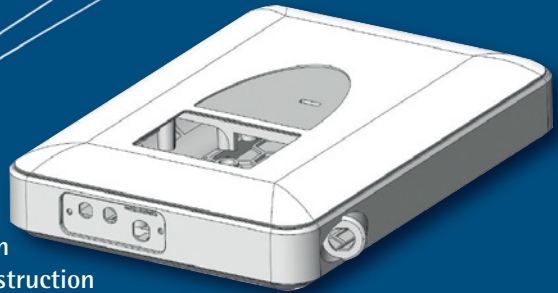
Prototyping, pre-production series and small batches from plastics

- ▶ individual design on customer's request
- ▶ plastic parts for special requirements
- ▶ prompt realisation of your project
- ▶ no tooling costs
- ▶ different materials available for different applications
- ▶ combination of different materials possible
- ▶ recasting of components such as metal parts or cards

Expert consultation Design



- ▶ advisory service and project consultancy
- ▶ individual customised design
- ▶ 3D design proposal and construction

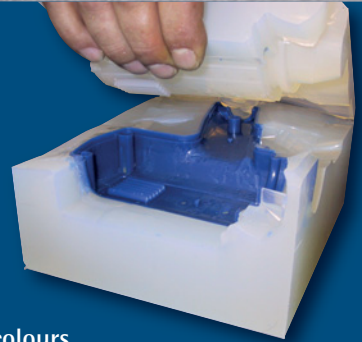


3D printing Mould design

- ▶ individual master form by 3D printing
- ▶ recasting of master form with silicon
- ▶ single prototypes by 3D printing possible

Realisation Subsequent work

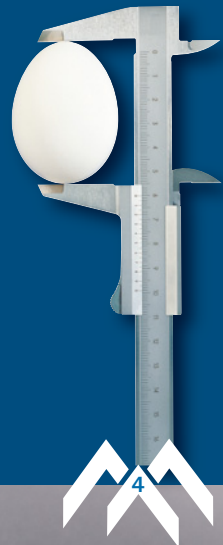
- ▶ the form's excavation is filled with a 2 component polyurethane based casting resin
- ▶ materials with different properties and durability
- ▶ materials may be pigmented with almost unlimited colours but also transparent materials are available



- ▶ gates and material leftovers are carefully removed at rework
- ▶ even drillings and threads can be easily fit afterwards

INNOVATION and quality

- ▶ we are most innovative and apply our high-tech machinery targeted and efficiently
- ▶ evolving improvements of products and technique
- ▶ quality and environmental management system acc. to DIN EN SIO 9001:2008 and DIN EN ISO 14001:2009



... the perfect shell for valuable electronics

Tool shop and injection moulding



- ▶ design of tools by means of most modern CAD and CAM systems by well-trained engineers
- ▶ in-house tool making for injection moulding tools from aluminium or steel
- ▶ manufacturing of injection moulded parts up to 600 g weight

INKUG Milling-bending technique

- ▶ economic production even of small volume batches
- ▶ large range of standard materials
- ▶ fixing technologies with solid threaded inserts for easy assembly
- ▶ bending radius up to 60 mm possible



Successful Reliable



One of the leading manufacturers of 19" technology. For more than 40 years this brand stands for cabinet, plug-in unit and enclosure systems made of sheet steel, aluminium, stainless steel or plastics.



Enclosure solutions for special requirements: production of displays and terminals as well as individual solutions for all kind of application.



Your specialist for all kind of customised parts or enclosures from plastics.



The networking experts advise you from glass fibre up to distribution cabinet systems.



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