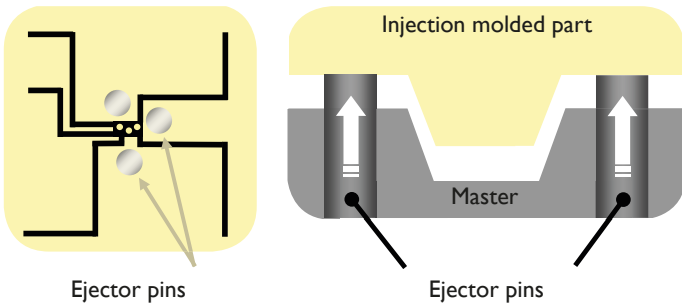


# DESIGN FOR MANUFACTURING

## PROTOTYPING TO HIGH-VOLUME PRODUCTION

design of features in relation to ejector pins



### Application

smooth and effective transition from prototyping to mass manufacturing

### WHAT WE CONSIDER

- choice of material based on assay conditions
- compatibility of shape/design with devices
- standardized formats of production and packaging (e.g. credit card format, microscope slide format)
- robustness of manufacturing process
- small footprint
- the 3 C's (cost, cost and cost)

### WHAT WE OFFER

- design optimization for mass-production
- application driven design optimization
- simulation of computational fluid dynamics

### VARIETY OF POLYMERS

Proven expertise to convert glass, silicon and metal to polymer e.g.

- PP
- PC
- COC/COP
- PMMA
- PS

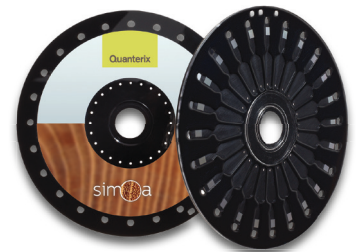
### YOUR BENEFITS

- various prototyping solutions for time and cost efficient implementation
- close interaction with the customer to optimize at an early stage: design of plastic parts - production conditions - biochemical assay conditions
- design history file for medical or IVD products
- proven collaboration with instrument manufacturers

close interaction between instrument and consumable manufacturer



Simoa HD-I Analyzer  
by STRATEC SE



Simoa disc  
by STRATEC Consumables