



REQUIREMENTS & CAPABILITIES

- Requirement management (ISO, FDA, customer and country specific)
- Interface management
- Qualified equipment and proven processes
- Consideration of scale up from project initiation onwards
- Global footprint production
- High precision - manual assembly
- Total management of global supplier base

DIFFERENT CHALLENGES

- The sample volume was reduced by using small geometries
- Valve functions have been integrated to control liquids in the product
- Transporting, mixing as well as separating liquids and samples were carried out
- Mass production technologies for microstructured parts were made possible
- Medical materials were converted to high-performance materials
- A highly translucent window was required to ensure the optics of the device

TECHNOLOGY & PROCESS

- Tool making
- Injection molding
- Automated gluing process
- Assembly
- Packaging for end user

Microfluidic CHIPS

PRODUCT DESCRIPTION

Microfluidic chips are used for reagent delivery and tissue processing in immunohistochemistry.