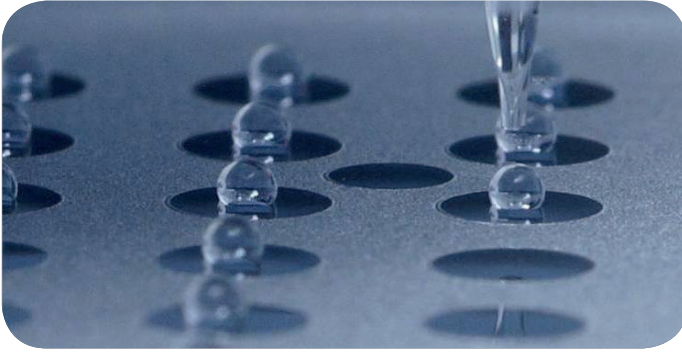


## CONTENT LOADING

### INDUSTRIALIZATION OF FUNCTIONALIZED CONSUMABLES



spotting of content

#### Application

many options for customized content loading

### CONTENT FILLING

- customized content filling or pre-loading of lab-on-a-chip consumables
  - liquids and solids, planar or localized on chip
  - variable volumes (pl to ml)
  - contactless dispensing/spotting
  - diverse reagents (biological, chemical)
- in combination with suitable packaging
  - packaging of reagents-kits
  - sterile – dust-free – shock proof – non degassing – waterfree
  - blister packaging – vacuum – inert gas filled e.g. N<sub>2</sub>
  - chilled products and frozen cargo

### YOUR BENEFITS

- **industrialization**
  - robust and reproducibility processes for mass production
- **customized solutions**
  - design for manufacturing
  - prototype test spotting to high volume production
- **optimizing processes**
  - large choice of systems (pl to ml)
  - content gets optimized on substrate properties
  - high expertise in materials and applications
- **distribution (e.g. frozen cargo)**



hybcell consumable for multiplex IVD assays



test-kit for Cube Dx including hycells and reagents