

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. N₂
 - 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