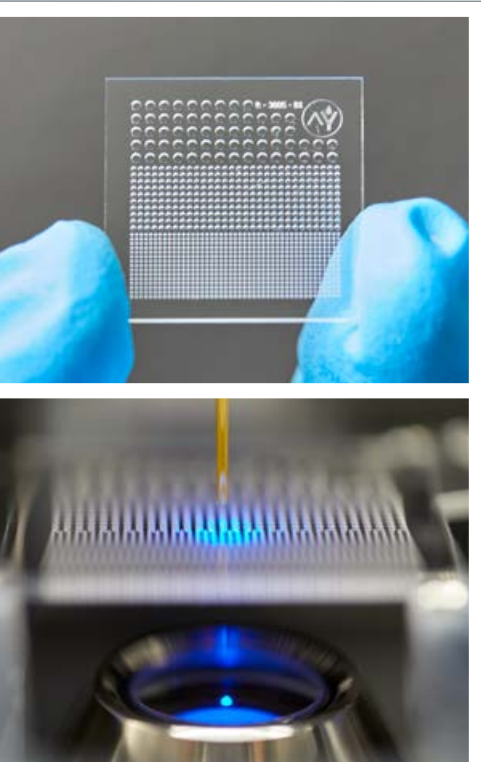


ARRALYZE CellShepherd® Focusing on Single Cells



Product design may vary

ARRALYZE CellShepherd®

On the footprint of one single microscope slide CellShepherd enables you to conduct tens of thousands of cell experiments simultaneously in nanoliter glass wells with our ARRALYZE® glass arrays. Besides high-throughput and high-precision handling of the samples you also have the benefits of an inert confined environment that allows you to manipulate, observe and even recover the sample.

The high number of possible experiments in short time and little consumption of precious and often costly reagents remove today's necessity to compromise between speed, significance of the experiments and costs.

Find out more: www.arralyze.com

Features and Fields of Application*

Gentle and Fast Handling of Biomaterials

- Printing of pL and nL
- Printing of living cells
- Fully automated drop calibration
- High precision recovery of biomaterial and cells from wells
- Sterile environment

Optical Inspection

- Automated cell count
- Position control of print head and recovery tool
- Droplet size calibration

Microscopic Analysis

- Bright field
- Phase contrast
- Fluorescence

Compatibility

- Microtiter formats (e. g. 96-, 384-, 1536- or 3456 well plates)
- Microscope slides
- Petri dishes
- Other formats on request

ARRALYZE® Glass Arrays

- Automatic recognition of chip layout
- Automatic position alignment
- Highly customizable layout
- Inert glass environment

Fields of Application

- (Single-) cell experiments
- Cell Line Development (CLD)
- Cell therapy
- Monoclonal antibodies
- Synthetic biology
- Drug development and repurposing
- ...

* Depending on configuration; additional options on request.



Contact us at: info@arralyze.com
or visit us: www.arralyze.com



ARRALYZE® is a brand of LPKF Group | Osteriede 7 | 30827 Garbsen | Germany | Phone +49 (5131) 7095-0

© LPKF reserves the right to modify the specifications and other product information without giving notice. Product names are only used for identification and could be trademarks or registered brand names of the companies involved.