

## Microarrayer SPOTBOT 2



### Contact person:

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### Manufacturer

Arrayit corporation

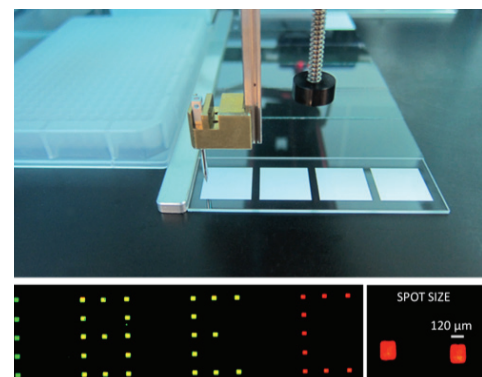
### Model

SPOTBOT2

The SpotBot® 2 microarrayer enables the creation of low density microarrays of proteins, antibodies or DNA easily and with minimal training. A robust, fast and accurate microarrayer.

### Technical specifications

- Axis resolution and repeatability of  $\pm 10 \mu\text{m}$
- 4-pin printhead configuration (2 x 2 at 4.5 mm spacing)
- Compatible with all Stealth and 946 and Professional Micro Spotting Pins
- Capacity of 7 standard sized glass substrate slides (25 x 76 mm)
- Capacity of one 384-well microplate
- Printing routines allow 1-5 spots per sample
- Printing time of 2 hrs per 384-well microplate
- >1,000 samples in 6 hours
- Almost “zero” sample carry-over.
- Super fast humidity control of 5% per minute and  $\pm 1 \%$  at steady state.
- Ultra-low wash buffer consumption of <1.0 liter per 8 hours of operation.
- Ultra-low air turbulence minimizes sample evaporation during printing.



Above: antibody microarray of 3 distinct IgGs printed on a microscope slide. Spot size 120 micrometres.

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