

BIS BIO SPOTTERS™

A flexible new solution, versatile personal spotting tool for SNP Mapping, Genotyping, Differential Gene Expression, Proteomics & Other Applications

Personal Bio Spotter™



- 384 well compatible
- 10 slide capacity with pre-spotting
- 100 microns spot size
- 3 x 3 head at 4.5 mm center-to-center distance
- Dual peristaltic pumps with blower / vacuum drying

Bio Integrated Solutions Inc
1299 North Arbor Lane, Palatine IL 60067
(847) 712-3085 ; (815) 642-0975 (FAX)
www.biointsol.com

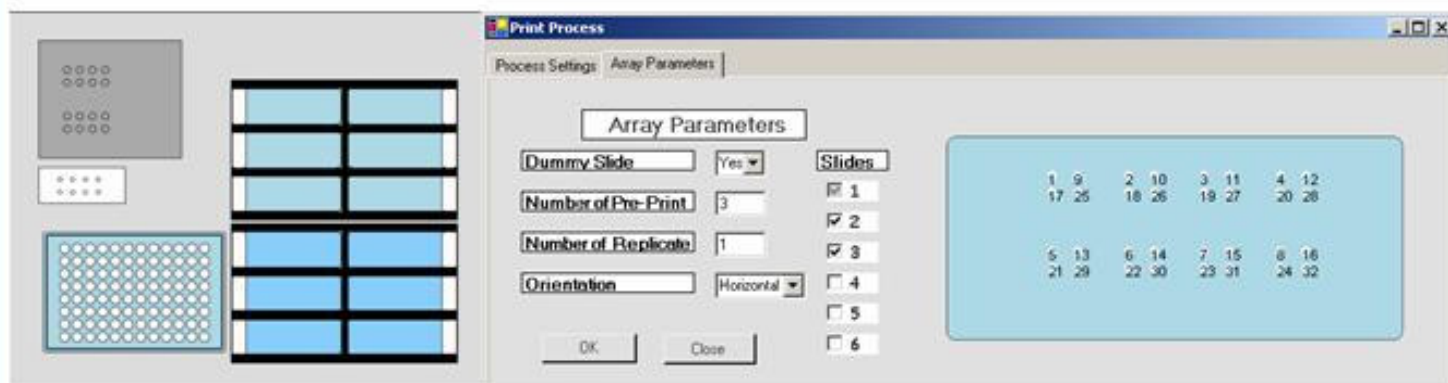


Modular, Flexible Layout

Software:

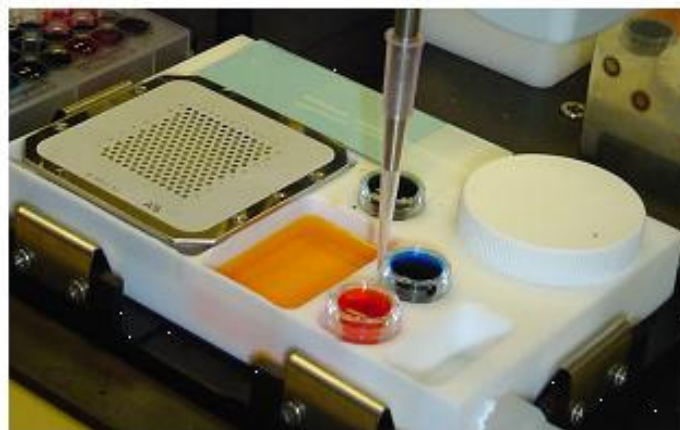
The Bio Spotter software with user friendly GUI provides high flexibility in the creation of the source plate and the pattern on the glass slide, providing extensive control over the entire protocol design and minimize set up time.

Interface	Windows-based GUI
Protocols	Create and save custom array map, cleaning protocol, standard templates, quick test run feature
Flexibility	Provides a flexible well map as the source for printing of arrays compatible with the print head. Ability to generate source plate based. Tracks sample placement in arrays and imports external files for array selection or source plate formatting on slide configuration. Generates comprehensive log file to track any given array location.

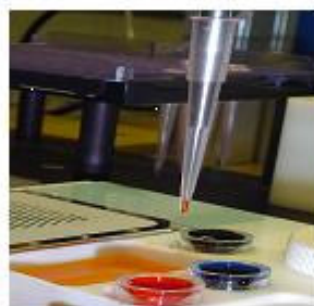


Nano Dispenser Option

The Nano Dispenser with user friendly GUI provides high flexibility in the selection of source plate and destination, providing extensive control over the entire protocol design and minimize set up time.



1 μ l Aspirates with
0.5 μ l Air Gaps



300 nl Single Aspirate



BioIntegrated
SOLUTIONS

Empowering BioTechnology™



The image shows 90 - 100 microns spots at 250 microns center-to-center spacing on the right.

Instrument Configuration	PERSONAL
Dimensions W x D x H	20.00" x 15.25" x 22.50" 520 mm x 385 mm x 570 mm
Platform Dimensions	12.00" x 9.50" x 4.00" 304 mm x 241 mm x 100 mm
Tiles	4
Slide Capacity	5
Dummy Slides	2
96 Well Plates, 384 Well Plates	Yes
Pin Head Capacity	9
Linear Stages	Stepper – Open Loop
Precision	< 20 μ m
Washing Of Pins	Standard
Heated Air	Optional
Vacuum / Blower	Standard
Printing Modes	Pin Tools
Clear Enclosure	Standard
Humidity Control	Optional
Cooling Tiles	Optional
Disposable Tips	No
Print Heads	Fixed
Reformat Source Plate	No
Regulatory Standard	Compliance with CE
Applications	Array Printing MALDI Spotting Expression Analysis Proteomics

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