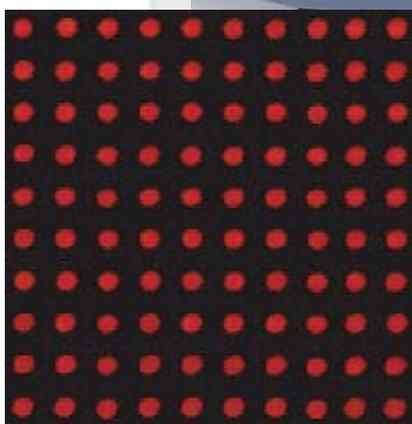


OmniGrid® Accent

Breakthrough high-performance benchtop microarrayer.



Array made using the OmniGrid Accent microarrayer.
Spacing: 250 microns.

Key Benefits

- Ultra high-speed system
- Intuitive software for easy experiment configuration
- Capacity: 50 slides and 3 plates
- Sleek benchtop design

Building on the worldwide success of the OmniGrid 100 microarrayer, the **OmniGrid Accent** offers a high-performance benchtop solution for printing quality arrays. The **Accent arrays biological samples from 3 plates onto a 50-slide** platform and supports a print head with up to 48 pins. The whisper quiet operation and superior printing precision of this **high-speed arrayer** is the result of state-of-the-art engineering. The transparent enclosure with positive-pressure HEPA filtering provides a dust-free printing environment.

The **Accent utilizes the same user-friendly software** interface as the popular OmniGrid 100, giving users maximum flexibility over the printing process. The software package offers extensive control over array design, pin configuration, cleaning protocols and sample sequences. The sample-tracking feature seamlessly integrates Accent's array data with leading scanner and analysis software.

Design Specifications

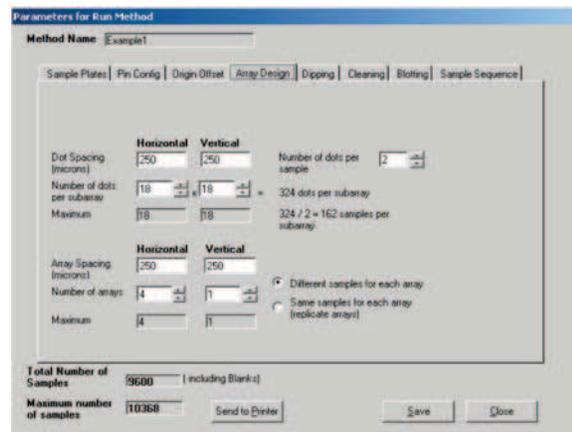
Dimensions	W 41" x D 27" x H 21" (W 1.04m x D 0.69m x H 0.53m)
Capacity	50 slides and 3 plates (supports 96- and 384-well plates)
Throughput	Prints 4,000 spots per slide on 50 slides in 1 hour with 48 pins
Positional Resolution	2.5 microns
Feature Size	85 - 500 μm (depending on pin choice); 100,000+ features per slide (depending on feature size)
Print Head Bracket	Supports a print head with up to 48 pins
Printing Pin Cleaning	Customizable combination of sonication, water/fluid wash with peristaltic pump, and vacuum dry
Enclosure	Clear panels for complete visibility, positive pressure HEPA filtration for dust-free printing; Optional humidity control (control up to 80% with sensor and controller)

Software Specifications

Interface	Windows [®] -based graphical user interface (GUI)
Multi-user	Multiple user access levels: administrator, user, and guest
Customizable	Create custom array designs and wash protocols
Flexible Settings	Protocol options include pin configuration, slide origin offset, and array design
Memorized Calibrations	Save calibrations for multiple source plate types and brands
Sample Tracking	Track sample placement in arrays; utilize imported plate lists to generate deconvoluted text file

OmniGrid Accent Software

The OmniGrid Accent software allows end-users to customize protocol design. For example, the Array Design Menu offers the flexibility to define the size and shape of the arrays. Specifications include: the number of arrays per slide, the number of dots per sample, the number of dots per subarray, array spacing, and duplication options for each array.



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