GINOLIS

PRODUCT SHEET

Cecilia-L

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High precision dispensing

Cecilia-L dispenser is a compact high precision non-contact dispensing and aspirating platform.

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HIGH PRECISION DISPENSING

Ginolis Cecilia-L dispenser is a compact high precision non-contact dispensing and aspirating platform.

Cecilia-L is suitable for a wide variety of applications, including lateral flow membrane striping, microfluidic chip/cartridge printing and micro titer plate liquid handing. Cecilia delivers high precision and accuracy within a compact desktop module.

Equipped with up to four Ginolis PMB dispensing pumps and dispensing tips, the platform offers smooth and consistent dispensing of reagents and fluids.

Features

- Dispensing tip holder and ceramic dispensing tips
- Customizable jig for targets (slides, micro titer plates, etc.)
- Degasser
- Washing station

Technical Specifications

Dimensions (mm)	345 (W), 810 (D), 700 (H)	
Maximum Dispensing Range (mm)	128 x 434	
Z Axis Range (mm)	115	
XY Accuracy (mm)	+/- 0.01 (absolute)	
XY Precision (mm)	+/- 0.005 (repeatability)	
XY Speed	Up to 1m/s	
No. of Pumps	1-4	
No. of Tips	1-4	
Dispensing Speed	Up to 100 drops/s	
Operating System	Ginolis Ginger	
Dispensing Pumps	Ginolis Piezo Motor Bellows (PMB)	
Volume Range	PMB150Se	1nl - 150 µl
	PMB1500Se	10nl - 1500 µl

Options

- RFID coded cover for satefy and cleaniness
- Vision systems for QI, positioning programing help and tip calibration
- Ionizer

Applications

- On-the-fly spotting
- Lateral flow membrane striping
- Microfludic chip/cartridge printing
- Micro titer plate liquid handling
- Biochips, Lab-on-a-Chip
- Custom applications