

# Ginolis Cecilia L

Ginolis Cecilia-L dispenser is a compact, high-precision, non-contact dispensing and aspirating platform. Cecilia-L is suitable for various applications, including lateral flow membrane striping, microfluidic chip or cartridge printing and microtiter plate liquid dispensing. Cecilia delivers accuracy within a compact desktop module. Equipped with up to four Ginolis PMBi Pumps and dispensing tips, the platform offers smooth and consistent dispensing of reagents and fluid.

## Features

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

## Options

- RFID coded cover for safety and cleanness
- Vision systems for QI, positioning programming help and tip calibration
- Ionizer

## Applications

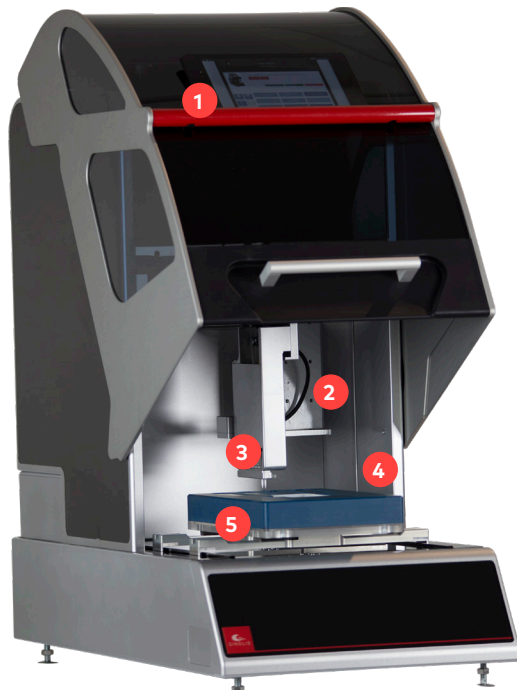
- On-the-fly spotting
- Lateral flow membrane striping
- Microfluidic chip/cartridge printing
- Microtiter plate liquid handling
- Biochips, Lab-on-a-Chip
- Custom applications



## Specifications

Dimensions (mm)	w 345, h 700, d 810
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 1 m/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 PMBi Pump
Volume range PMBi 150	1 nL - 150 µL
Volume range PMBi 1500	10 nL - 1500 µL

# Cecilia-L functional description



1. User interface
2. Quality control
3. Dispensing tips
4. Mounting stand
5. XY table



The operator places the subject and the solution on the XY table



The PMBi pump aspirates the solution and dispenses it onto the subject



The process is complete, and the operator can change to a new subject

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