

S3  High performance automated pipetting for:

- Labs that routinely perform low- or high-volume multichannel microplate pipetting
- Labs with limited bench space, so a compact easy-to-use system augments the current workflow
- Labs with large multifunctional liquid handling platforms, in situations where a faster, easier system is needed for pipetting operations (without extensive training and method programming)

Apricot Designs is dedicated to making lab work more accurate, more precise, more efficient and thus, more productive.

| SPECIFICATIONS | | | |
|-----------------------------|---|---|--|
| Dispensing Precision | (96-1000) <3% CV at 10µL (96-500) <3% CV at 5µL (96/384-125) <3% CV at 1µL | Volume | Max channel capacity (96) 500µL, 1000µL, (96/384) 125 µL |
| Dispensing Accuracy | (96-1000) +/- 2% error at 10µL (96-500) +/- 2% error at 5µLa (96/384-125) +/- 2% error at 1µL | | |
| Resolution | (96-500/1000) 1µL (96/384-125) 0.1µL | Power | 100 to 240 VAC, 50/60 Hz |
| | | | |
| | | Operating Temp. | 50-100°F, 10-37.8°C |
| | | Available Tips | |
| | | • Volume: 250/500/1000µL Channels: 8, 12, 96 | |
| | | • Volume: 15/50/125µL Channels: 8, 12, 16, 24, 96, 384 | |

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Automated High-performance Pipetting

- Auto head load/eject
- Auto indexing
24 to 96
96 to 384



Why the S3 Pipettor?

- Intuitive/Accurate Control Interface - Microsoft Surface Pro Tablet
No external computer needed! ¹ 
- Automated X, Y, Z positioning for workflow flexibility ²
- Programmable serial dilution indexing by row (12,24) and column (8, 16) ³
- Plate to plate pipetting +interchangeable cores ⁴
- EZ-Load Tip Technology - to simplify pipettor operation ⁵



Interchangeable Pipetting Core

Precise 96 and 384 channel pipetting. Choose a configuration that best matches your applications.



Options

- 96-channel volume: 0.5 -125 μ L, 1-500 μ L, or 10 -1000 μ L
- 384-channel volume: 0.5 -125 μ L
- 3 position shuttle available
- Disposable tip heads with 8,16, 96 or 384 channels for Apricot EZ-Load high volume 250/500/1000 μ L tips or EZ-Load 15/50/125 μ L tips

Applications

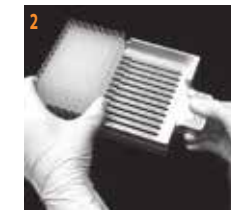
- Plate replication
- Plate reformatting
- Reagent addition
- Compound addition
- Serial dilution by row and column

Features and benefits

1. S3 control is at your fingertips with an easy-to-use interface via Microsoft Surface Pro Tablet.. The tablet's Wi-Fi capability enables the operation of S3 from outside the fume hood – no external computer is needed!
2. S3 is configured with a motorized elevator that positions, raises and lowers plates (or reservoirs) to the desired pre-set height.
3. Programmable serial dilution indexing by row (12, 24) and column (8, 16).
4. S3 offers high performance 96 and 384 channel pipetting that is ideal for low- or high-volume multichannel microplate pipetting. The

EZ-Load Tip Technology

Load disposable tips into the head quickly and easily without tools!



The interchangeable pipetting cores provide automated pipetting into all wells of a 96-well plate with the 96 core, or into all wells of a 384-well plate with the 384 core. Automated pipetting eliminates the tedium and potential repetitive motion injuries associated with hand-held pipetting.

5. S3 pipettor, pipetting head, and EZ-Load tips form a triad to help you get the best results. Changing the pipette head takes just a few seconds. Plus, it's quick and easy to load the EZ-Load disposable tips — no tools are needed for a consistent seal.