



high-performance multi-channel pipetting system

apricot S3

why the apricot S3 pipettor?

- Meets GLP requirements for traceability, uniformity, consistency, and quality of test results.
- Controlled via an intuitive touchscreen interface, eliminating the need to connect a computer.
- Automated X, Y, Z positioning for workflow flexibility
- Programmable serial dilution by column (8, 16)
- Automated plate to plate pipetting, plus the flexibility of Interchangeable Cores
- Easy operation and repeatable results with EZ-Load Tip Technology
- Integration ready for improved process/high-throughput pipetting

features and benefits

- Easy-to-use interface via Microsoft Surface Pro Tablet. The tablet's Wi-Fi capability enables the operation of the S3 from outside the fume hood.
- Motorized elevator stage raises and lowers plates and reservoirs to the desired height.
- Easy to program serial dilution protocols with the ability to access every column in a 24, 96, & 384 well plate or reservoirs with multiple sections.
- Eliminates the tedium and potential repetitive motion injuries associated with hand-held pipetting.
- The interchangeable core provides a wider volumetric range capability for the S3, while keeping the accuracy and precision the same across all of our different core options.
- Load and unload tips in just a few seconds without tools or the need to force tips into nozzles.
- API readily available for integration with microplate stackers, robotic arms, and automation work cells.

applications

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

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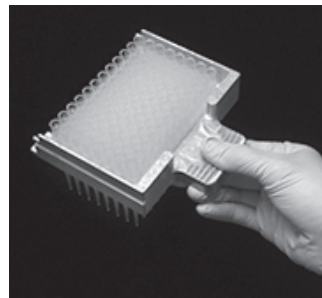
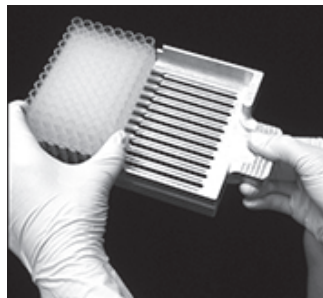
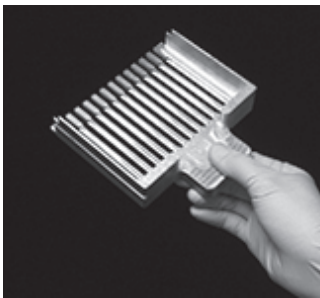
for repeatable results

high performance pipetting for:

- Labs that routinely perform low or high-volume multichannel microplate pipetting
- Labs that need a fast, easy-to-set-up liquid handling system that does not require extensive training and method programming
- Labs with large multifunctional liquid handling platforms where a quick and easy system for basic pipetting operations would be more practical

ez-load tip technology

Load disposable tips into the head quickly and easily without smashing tipboxes!



interchangeable pipetting core

Precise 96 and 384 channel pipetting. Choose the dispense range to match your application needs.



| | | | | | |
|----------------|------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) 125µL Dispense range: (96-1000) 5–1000µL (96-500) 1–500µL (96-125) 0.5–125µL (384-125) 0.5–125µL | Power (Input): | 100 to 240 VAC, 50/60 Hz |
| | Dispensing Accuracy: | (96-1000) +/-2% error at 10µL (96-500) +/-2% error at 5µL (96-384-125) +/-2% error at 1µL | | Operating Temp: | 50–100°F, 10–37°C |
| | Resolution: | (96-500/1000/500) 1µL (96/384-125) 0.1µL | | Dimensions: | 18"W x 16"D x 23"H 457mm W x 406mm D x 584mm H |
| | | | | Weight: | Approx. 60lbs (27kg) |
| | | | | Available Tips: | <ul style="list-style-type: none"> • Volume: 250/500/1000µL Channels: 8, 12, 96 • Volume: 15/50/125µL Channels: 8, 12, 16, 24, 96, 384 |