APRICOT® DESIGNS

S-PIPETTE® S3™

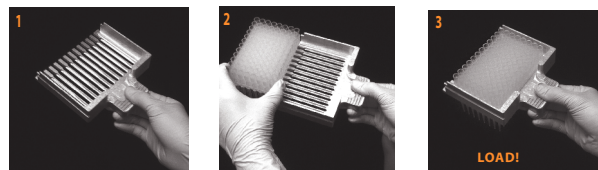# Automated High-Performance Multichannel Pipetting

- Auto Open/Close Head Clamp
- Auto Indexing
  24 to 96
  96 to 384

Why the S3 Pipettor?

- Meets GLP requirements for traceability, uniformity, consistency, and quality of test results.

- Intuitive/Accurate Control Interface
  – Microsoft Surface Pro Tablet
    No external computer needed!

- 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

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.*

*No Tools needed!

Applications

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

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.

S3 ™ High performance automated 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

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	Power	100 to 240 VAC, 50/60 Hz
				Operating Temp.	50–100°F, 10–37.8°C
Dispensing Accuracy	(96-1000) +/–2% error at 10μL (96-500) +/–2% error at 5μL (96/384-125) +/– 2% error at 1μL		Dispense range (96-1000) 5-1000μL (96-500) 1-500μL (96-125) 0.5-125μL (384-125) 0.5-125μL	Dimensions	18"W x 16"D x 23"H 457mm W x 406mm D x 584mm H
				Weight	Approx. 60lbs (27kg)

Resolution	(96-500/1000) 1μL
	(96/384-125) 0.1μL
				Available Tips
				• Volume: 250/500/1000μL
				  Channels: 8, 12, 96
				• Volume: 15/50/125μL
				  Channels: 8, 12, 16, 24, 96, 384	

www.apricotdesigns.com