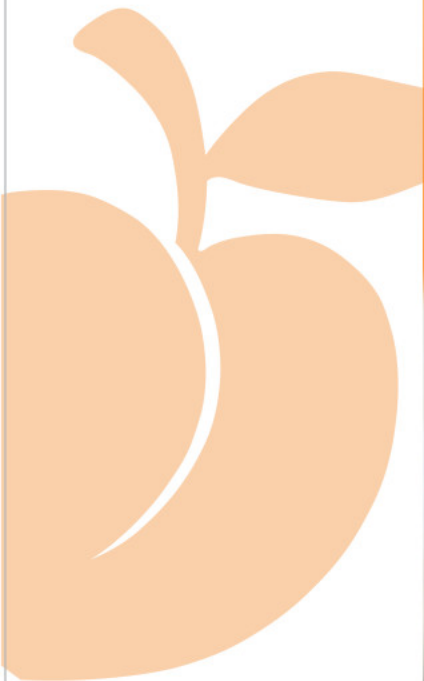


**APRICOT<sup>®</sup>**  
**DESIGNS**



**DESIGNS THAT MAKE SENSE**



**INSTRUMENTS FOR YOUR RESEARCH**

APRICOT  
DESIGNS

# DESIGNS THAT MAKE SENSE

PIPETTEPROFET

SPECIFICATIONS	Dispensing Precision	(96-1000) <5% CV at 10 $\mu$ L (96-500) <3% CV at 5 $\mu$ L (96/384-125) <3% CV at 1 $\mu$ L
	Dispensing Accuracy	(96-1000) +/- 5% error at <10 $\mu$ L (96-500) +/- 2% error at $\geq$ 5 $\mu$ L (96/384-125) +/- 2% error at $\geq$ 1 $\mu$ L
	Resolution	(96-500) 1 $\mu$ L (96/384-125) 0.1 $\mu$ L
Volume	Max channel capacity	(96) 500 $\mu$ L, 1000 $\mu$ L (96/384) 125 $\mu$ L
	Dispense range	(96-1000) 1-1000 $\mu$ L (96-500) 1-500 $\mu$ L (96-125) 0.5-125 $\mu$ L (384-125) 0.5-125 $\mu$ L
Power		100 to 240 VAC, 50/60Hz
Operating Temperature		50-100°F, 10-37.8°C

# S-PIPETTE

Automated Liquid Handling Within Reach Of Every Lab



Multi-channel pipetting  
Manual tip loading  
2,3, or 4 positions  
X & Z positioning

## Applications

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

- Multi-channel liquid handling system. Interchangeable pipetting core – determine the configuration that best matches your application!
- Pipette into all wells of a 96-well plate with the S-Pipette 96 core, or 384-well plate with the S-Pipette 384 core
- More than 12x faster than an 8-channel handheld pipettor – pipette into all 96 wells without having to replace tips 12 times
- Adjustable split level plate elevators for individual sampling using multiple plates and a variety of SBS standard labware
- EZ-Load tip technology to load disposable tips quickly and easily, without tools! Clamp pipetting head with simple levers
- Control via easy to use interfaces: touch screen, quick access keys, Apple iPod® or iPhone®
- Small footprint maximizes bench space and fits suitable hoods

## Specifications

Dimensions 11.5"W x 13"D x 20.5"H  
292mmW x 330mmD x 521mmH

Weight Approx. 44lbs (20kg)

# i PIPETTE PRO

Simplify Your Assay



Multi-channel pipetting  
Manual tip loading  
2 positions  
Automated X & Z  
positioning

## Applications

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

- Proven automated high-performance pipetting  
8,12,16, 24, 96, 384 channel pipetting
- Pipette into all wells of a 96-well plate with the i-Pipette 96,  
or 384-well plate with the i-Pipette 384
- 12x faster than an 8-channel handheld pipettor  
– pipette into all 96 wells without having to replace tips 12 times
- Automated plate loading via motorized elevator  
– raises and lowers plate or reservoir to the desired pre-set height.
- EZ-Load tip technology to load disposable tips quickly and easily,  
without tools! Push button control to clamp pipetting head
- High-precision pipetting heads are independent of  
pipetting mechanism
- 2-position shuttle with programmable serial dilution indexing
- Control via easy to use interface/Apple iPod® controller
- Small footprint maximizes bench space and fits suitable hoods

## Specifications

Dimensions 9" W x 14" D x 20" H  
229mm W x 356mm D x 508mm H

Weight Approx. 48lbs (22kg)

# PERSONAL PIPETTOR

Perfect For A Shared Resource



Multi-channel pipetting

Manual tip loading

5 positions, 1 static

Automated X, Y & Z  
positioning

## Applications

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

- 5 linear stations, plus 1 tip wash/reservoir station
- 8,12,16, 24, 96, 384 channel pipetting
- High-precision pipetting heads are independent of pipetting mechanism
- EZ-Load tip technology to load disposable tips quickly and easily, without tools!
- Designed for integration into an automation workcell – microplate stackers & robotic arms supply labware and tips
- Tip washing system is computer controlled/integrated into GUI
- Intuitive iPad® controller is easy to use
- Small footprint maximizes bench space and fits suitable hoods

## Specifications

Dimensions	28"W x 19"D x 24"H 711mmW x 483mmD x 607mmH
Weight	Approx. 98lbs (45kg)



# TPS-ES

## Full Walkaway Productivity – Total Pipetting Flexibility

Multi-channel pipetting  
Automated tip loading  
Full Walkaway Productivity

12 positions  
Automated X, Y & Z positioning  
Single row or column pipetting



### Specifications

Dimensions 38.5"W x 26.5"D x 33"H  
980mmW x 675mmD x 838mmH  
Weight Approx. 263lbs (119kg)

### Applications

- Cherry picking application
- Plate replication
- Reagent addition
- Compound addition
- Serial dilution by row or column
- DNA purification
- PCR Prep
- DNA sequencing sample preparation
- Solid Phase Extraction (SPE) by vacuum or positive pressure
- ELISA Setup
- Dried Blood Spot (DBS) extraction and sample preparation

- Fully automated 1 to 24 channel high precision / accurate pipetting
- High-precision pipetting heads are independent of pipetting mechanism
- Open-deck platform for expanded operations and increased throughput
- Flexibility to configure heads, tips, labware and tools– park on the deck or load up as needed
- Automated tip loading and unloading
- Gripper tool for moving labware and tips
- Up to 12 deck positions with room to add optional devices including: bar code scanner, heated or cooled deck positions, magnetic block station, heated or room temp plate shakers, tip washing station

# TPS-EZ

## Full Walkaway Productivity – Total Pipetting Flexibility



### Specifications

Dimensions	41"W x 23"D x 33"H 104 mmW x 675mmD x 838mmH
Weight	Approx. 360 lbs (163kg)

Multi-channel pipetting  
Automated tip loading  
Full Walkaway Productivity  
20 positions  
Automated X, Y & Z positioning

### Applications

- Plate replication
- Plate reformatting
- Reagent addition
- Compound addition
- Serial dilution (by row or column)
- DNA purification
- PCR Prep
- DNA sequencing sample preparation
- Solid Phase Extraction (SPE) by vacuum or positive pressure
- ELISA Setup
- Dried Blood Spot (DBS) extraction and sample preparation

- Fully automated 96 or 384 channel high precision / accurate pipetting
- High-precision pipetting heads are independent of pipetting mechanism
- Open-deck platform for expanded operations and increased throughput
- Flexibility to configure heads, tips, labware and tools – park on the deck or load up as needed
- Automated tip loading and unloading
- Gripper tool for moving labware and tips
- EZ-Load tip technology to load disposable tips quickly and easily, without tools!
- Up to 20 deck positions with room to add optional devices including: bar code scanner, heated or cooled deck positions, magnetic bead separators, motorized plate shakers, refillable reservoir, tip washing station with recirculating pump, and vacuum manifold filtration station

# ABAR

## Labor saving automated sample processing

High throughput batch sample processing

24-position sample tube carousel

16-sample tube holder strip



### Specifications

Dimensions 25"W x 19"D x 21"H  
635mm W x 483mm D x 533mmH

Weight Approx. 89lbs (40kg)

### Applications

- Cherry picking application
  - Reagent addition
  - PCR Prep
  - Reformatting: tube to plate, plate to tube
  - Sample fractionation definition
- Automated liquid level sensing
  - High throughput sample transfer between tube and plate
  - Batch sample processing for clinical testing laboratories, special chemistry labs, sample banking labs
  - High performance pipetting eliminates cross-contamination for accurate results and control of variables
  - High definition camera for accurate fraction definition
  - Intuitive interface for defining fraction levels
  - Sample identification/tracking via bar code scanner
  - Transfer as many as 5 racks of 96 storage tubes or microplates



## Purpose built for high-performance drydown of microplates



E V A P O R E X  
**EVX96**

E V A P O R E X  
**EVX192**

Dual-plate (EVX192)  
Single-plate (EVX96)  
24, 96, and 384-well formats

- User-adjustable flow rates and gas temperatures for temperature-sensitive drying
- Two stainless steel needle assemblies evenly distribute heated gas into microplates from both top and bottom – minimizing drying time
- Upper gas flow path is sealed away from the heating elements in a stainless steel pathway – preventing sample contamination
- Lower platform adjusts to allow the needles to come in close proximity to the sample – without touching
- Easily removable upper and lower assemblies for easy cleaning
- For aqueous or organic solvents (not dry or concentrated acid solutions)
- Fits under common hood or micro-ventilation system setups

### Specifications

Power 110/240 VAC, 50/60 Hz  
Supply Pressure Range 15–50 PSI  
Operating Flow Rate 25–60 LPM  
Operating Temperature  
140°F (Upper), 176°F (Lower) Max  
60°C (Upper), 80°C (Lower) Max

### EVX96

Dimensions  
9.52"W x 12.05"D x 15.72"H  
(242mmW x 306mmD x 400mmH)  
Weight 25 lbs (11kg)

### EVX192

Dimensions  
10"W x 15"D x 15.5"H  
(254mmW x 381mmD x 394mmH)  
Weight 31 lbs (14kg)

## Special Applications

### Innovative programmable positive pressure processor

# EVEN96



- One platform to process 96-well SPE/SLE plates/columns
- Compatible with most standard commercial SLE plates/columns
- Software controlled, automated flow rates – to ensure reproducible SPE extractions among multiple users, of varying skill levels
- Precision pressure/flow control for SPE processing from very low flow rates to high flows for sorbent bed drying
- Unlimited method storage – multi-step, application-specific protocols can be created, stored, and retrieved
- Pressure manifold automatically adjusts to height of SPE consumables in use to ensure maximum safety and minimum processing time
- Internal heater for fast sorbent drying in complex extraction protocols
- Fits within suitably sized laboratory hoods for solvent vapor control

### Specifications

Dimensions  
12.2"W x 15.6"D x 20.9"H  
310mm W x 396mm D x 531mm H

Weigh Approx. 60lbs (27kg)  
Power 100–240 VAC, 50/60 Hz  
Supply Pressure Range 80–150 PSI  
Manifold Pressure Range 0–40 PSI

Heating Gas Output  
122–140°F (50–60°C)

Operating Temperature  
50–100°F (10–37.8°C)

# APRICOT<sup>®</sup> DESIGNS



## Headquarters

Apricot Designs Inc., 677 Arrow Grand Circle, Covina, CA 91722. U.S.A.

Phone +1 (626) 966-3299

Fax +1 (626) 966-3200

[www.apricotdesigns.com](http://www.apricotdesigns.com)