



Automated assay solutions

# Personal pipettor

## Multichannel microplate pipetting system



The **Personal Pipettor** offers 96 or 384 channel high performance pipetting that is ideal for multichannel microtiter plate pipetting or serial dilution applications. The microprocessor controlled pipetting mechanism provides accurate and precise pipetting of microtiter volumes of samples into 96-, 384- or 1536-well microtiter plates. The system can be configured with fixed or disposable tips with either a low volume (0.5-125 µl) or high volume (1-1000 µl) dispense.

The Personal Pipettor electronically clamps the pipetting head allowing simple and easy set up.

The system is controlled with an Apple® iPad® configured with an easy to use graphical interface. It automatically indexes the dispense head to allow a 96-well head to access a 384-well plate, or a 384-well head to access a 1536-well plate.

The Personal Pipettor has a 5 plate position deck, as well as a wash/waste reservoir.

### PLATE REPLICATION

Duplicate plates directly from a 96- or 384-well source to the same format target plate

### PLATE REFORMATTING

Transfer 4 x 96-well plates to 384-, or 4 x 384- to 1536-

### SERIAL DILUTIONS

With either 8 or 12 channel dispense tips, serial dilutions can occur by row or column

### COMPOUND ADDITION

Add additional reagent without extra material handling

### SPE

Using the extended height configuration, the Personal Pipettor can work with vacuum manifolds for filtration steps

- Simultaneous liquid dispense with either 8, 12, 16, 24, 96 or 384 channels
- EZ Load Tip Head
- Open deck platform for easy access or integration
- Built-in Wi-Fi



### FEATURES AND BENEFITS

- Flexible design for liquid transfer and pipetting operations for 96-, 384- and 1536-well microtiter plates, as well as serial dilutions by row or column
- Unique, easy-change dispense head from Apricot Designs, allowing the operator to build a diverse head library for simple operation
- 5-position deck with wash station allows walkaway operation
- Intuitive graphical user interface using Apple® iPad® app for quick start up
- Small footprint conserves bench space and fits easily into suitably sized hoods

# S-Pipette

## Multichannel microplate pipetting system



The **S-Pipette** offers 96 or 384 channel high performance pipetting that is ideal for multichannel microtiter plate pipetting or serial dilution applications. The microprocessor controlled pipetting mechanism provides accurate and precise pipetting of microtiter volumes of samples into 96-, 384- or 1536-well microtiter plates. The system can be configured with disposable tips with either a low volume (0.5-125  $\mu$ L) or high volume (1-1000  $\mu$ L) dispense.

The S-Pipette is configured with EZ-Load Tip technology to load disposable tips quickly and easily without tools.

The system is controlled with an easy to use touchscreen interface, quick access keys or an Apple® iPhone®.

The S-Pipette has adjustable split level plate elevators for individual sampling using multiple plates and a variety of SBS standard labware.

### PLATE REPLICATION

Duplicate plates directly from a 96- or 384-well source to the same format target plate

### PLATE REFORMATTING

Transfer 4 x 96-well plates to 384-, or 4 x 384- to 1536-

### SERIAL DILUTIONS

With 8 channel dispense tips, serial dilutions can occur by column

### COMPOUND ADDITION

Add additional reagent without extra material handling

- *Simultaneous liquid dispense with either 96 or 384 channels*
- *Interchangeable 'core' to adapt to 96- or 384-well formats*
- *EZ Load Tip Head*
- *Small footprint to maximise bench space*



### FEATURES AND BENEFITS

- Flexible design for liquid transfer and pipetting operations for 96-, 384- and 1526-well microtiter plates, as well as serial dilutions by column
- Interchangeable 'core' allowing aspiration of both 96 and 384 formats
- Unique, easy change dispense head from Apricot Designs
- Control via a touchscreen, intuitive graphical user interface, quick access keys, or an Apple® iPhone®
- Small footprint conserves bench space and fits easily into suitably sized hoods



# iPipette

## Multichannel microplate pipetting system



### PLATE REPLICATION

Duplicate plates directly from a 96- or 384-well source to the same format target plate

### PLATE REFORMATTING

Transfer 4 x 96-well plates to 384-, or 4 x 384- to 1536-

### SERIAL DILUTIONS

With either 8 or 12 channel dispense tips, serial dilutions can occur by row or column

### COMPOUND ADDITION

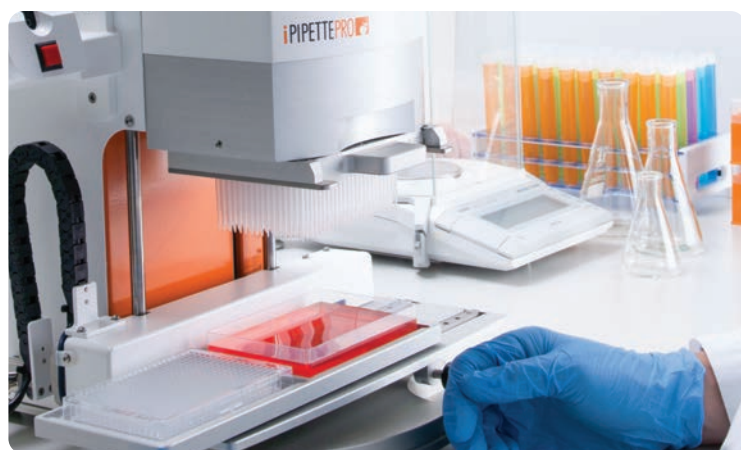
Add additional reagent without extra material handling

- *Simultaneous liquid dispense with either 8, 12, 16, 24, 96 or 384 channels*
- *EZ Load Tip Head*
- *Control via easy to use interface*
- *Built-in Wi-Fi*

The **iPipette** removes the tedious chore of pipetting to microtiter plates. The compact design configured with Apricot Designs EZ Load pipetting head and disposable tips allow for quick set up and operation. Working volume options range from 0.5-125  $\mu$ L, 1-500  $\mu$ L or 5-1000  $\mu$ L.

The user can clamp the pipetting head using a simple lever for the basic series or via push button control for the Pro Series.

The iPipette allows indexing of the pipetting head for accessing 384-well plates with a 96 channel version, as well as options for indexing for serial dilutions by column.



### FEATURES AND BENEFITS

- Flexible design for liquid transfer and pipetting operations for 96-, 384- and 1526-well microtiter plates, as well as serial dilutions by row or column
- Unique, easy change dispense head from Apricot Designs, allowing the operator to build a library for simple operation
- Intuitive graphical user interface
- Small footprint conserves bench space and fits easily into suitably sized hoods

# Evaporex

## Multichannel Sample Concentrator

**Evaporex** solvent evaporators offer high performance dry down for microtiter plates. An essential part of SPE (solid phase extraction) is sample preparation, where the eluate must be concentrated prior to use.

The Evaporex works by utilising two needle assemblies, each consisting of 96 stainless steel needles, that direct heated gas from above and below the microtiter plate. Optimum evaporation is achieved by the right combination of flow rate and air temperature. A third factor is the position of the needles relative to the sample surface. The lower platform can be adjusted to any height relative to the upper assembly. This means that for every microtiter plate size and sample volume, needles can be set close to, but not touching, the sample. This feature minimises drying time and enables the user to develop methods utilising a variety of plate sizes and volumes.

**The Evaporex concentrates samples in microtiter plates up to five times faster than other techniques.**

Combining the Evaporex with the Personal Pipettor configured with extended height enables the use of a vacuum filtration plate on the pipetting deck for sample filtration prior to the concentration step.

### SPE

Using a combination of heat and air, the Evaporex concentrates samples in a microtiter plate format.

Suitable for use with aqueous or organic solvents.

Along with the Evaporex, using the extended height configuration, the Personal Pipettor can work with vacuum blocks for necessary filtration steps

- *Simultaneous sample concentration with either 96 or 192 needles*
- *Independent heating control for top and bottom plates*
- *Adjustable temperature*
- *Compact, free-standing system that fits in a hood or micro-ventilation system*



### FEATURES AND BENEFITS

- Dual upper and lower heat sources minimises drying time
- Adjustable temperature and flow rate concentrates samples faster
- Upper gas flow path is isolated from the heating element to prevent sample contamination
- Small footprint conserves bench space and fits easily into suitably sized hoods

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