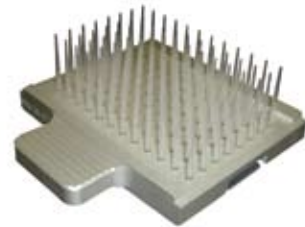


APRICOT DESIGNS

i-Pipette Series

The i-Pipette series offers 96 or 384 channel high performance pipetting that is ideal for low-volume or high-volume multichannel microplate pipetting. Six models are available: The i-Pipette Basic models are the **i-PB96-500** for working with 96 channels at higher volumes, the **i-PB96-125** for 96 channels at low volumes, and the **i-PB384** for 384 channels at low volumes. The i-Pipette Pro models are the **i-PP96-500** for working with 96 channels at higher volumes, the **i-PP96-125** for 96 channels at low volumes, and the **i-PP384** for 384 channels at low volumes. The microprocessor-controlled pipetting mechanism provides accurate and precise pipetting of microliter volumes of samples into 96 or 384-well microplates. The high-speed pipetting system provides short processing times by delivering liquids through 96 or 384 channels simultaneously with precise volume control.

The i-Pipette Pro series is distinct from the i-Pipette Basic series in that the Pro is configured with a motor-driven head locking mechanism rather than the hand lever and also includes a motorized elevator that raises and lowers a plate or reservoir to the desired pre-set height.



flexible • affordable • compact • versatile • easy to use • reliable



The i-Pipette is an exciting new product that will be a benefit for any laboratory that needs to routinely perform pipetting operations onto microplates. Until now, the capabilities of an automated 96-channel pipettor have required price investments that are out of reach for many labs. With the i-Pipette, now you can have the benefits of multichannel pipetting at an easy price point. The i-Pipette is based on proven automated pipetting engineering from Apricot Designs. Apricot Designs has been continuously developing, improving and offering multichannel pipettors for more than two decades. Apricot Designs has always focused on flexible, affordable, compact, versatile, easy to use, and reliable solutions for the lab. This expertise has been focused on bringing automation capabilities within reach of every lab.

The i-Pipette uses Apricot Designs' unique head design which employs high-precision manufacturing to produce reasonably-priced heads that are independent of the pipetting mechanism. The user can clamp the pipetting head in a manner of seconds using a simple lever for the basic series or via push-button control for the pro series., allowing simple and easy set-up for the task at hand. For the most flexibility, the i-Pipette allows manual indexing of the pipetting head for accessing 384-well plates with a 96-channel version or for accessing 96-well plates with a 384-channel version (with 96-channel head), and also uses manual indexing for serial dilutions by row or column.

Features and Benefits

- With an i-Pipette 96 quickly and easily perform a 96 channel pipetting method into all wells of a 96-well plate in one operation, or 384 at once with the i-Pipette 384.
- Performs 12 times faster than an 8-channel handheld pipettor; pipette to all 96 wells without having to replace tips 12 times.
- Reduce the tedium and potential repetitive motion injuries that come with multiple hand-held pipettings with an 8-channel pipettor.
- Flexible design for liquid transfers and pipetting operations for 96 and 384-well microplates.
- Uses the unique easy-change head system from Apricot Designs, allowing the user to build a diverse head library with a reasonable investment. The heads are interchangeable with other Apricot pipettors.
- Economical and simple 1-position deck provides low capital investment and smallest footprint.
- Easily controlled through a simple interface on a PDA; requires minimal operator training and no external computer is necessary.
- Small footprint conserves bench space and fits easily into suitably-sized hoods.

Options

- **i-PB96-125 / i-PP96-125 models:** Low-volume version with 96 125 ul pipetting channels for optimal pipetting as low as 0.5 ul.
- **i-PB96-500 / i-PP96-500 models:** High-volume version with 96 500 ul pipetting channels for up to 500 ul pipetting.
- **i-PB384 / i-PP384 models:** Low-volume pipetting with 384 125 ul pipetting channels for optimal pipetting as low as 0.5 ul.
- Disposable tip heads with 8, 12 or 96 channels for Apricot 550 tips or Apricot EZ-Load tips.

Applications

- Plate replication.
- Plate reformatting.
- Reagent addition.
- Compound addition.
- Serial dilution.

Specifications

- **Dispensing Precision** (96-500) <3% CV at 5 ul
(96-125/384) <3% CV at 1 ul
- **Dispensing Accuracy** (96-500) +/- 2% at 10 ul
(96-125/384) +/- 2% at 1 ul
- **Resolution** (96-500) 1 ul (96-125/384) 0.1 ul
- **Volume** (96-500) 1-500 ul (96-125/384) 0.5-125 ul
- **Dimensions** 9"W x 14"D x 19.5"H
229W x 356D x 495H mm
- **Weight** Approx. 44 lbs. (20 kg)
- **Power** 100 to 240 VAC, 50/60 Hz
- **Operating Temperature** 50 - 100 °F

Designs that make sense

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www.apricotdesigns.com