



PP-S-100 Series Personal Pipettor™

The **PP-96S-100** offers 96 channel high performance positive displacement pipetting that is ideal for low-volume multichannel microplate pipetting applications. The microprocessor-controlled pipetting mechanism uses 96 individual syringes and provides accurate and precise positive-displacement pipetting of nanoliter or microliter volumes of samples into 96 or 384-well microplates. The high-speed pipetting system provides short processing times by delivering liquids through up to 96 channels simultaneously with precise volume control.



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



The Personal Pipettor (PP) is a popular series of affordable liquid handling systems with the versatility and reliability required for today's demanding laboratory environment. The PP series offers the majority of automated features that many laboratories need at a reasonable price, making it possible for each technician to truly have their own "personal" pipettor.

The PP-96S-100 uses 96 precision glass syringes for positive displacement pipetting. This provides an ideal complement for the PP series for situations where positive displacement is a requirement, such as for very low-volume applications or specialized applications such as PCR setup. The PP-96S will automatically index the pipetting head if necessary for accessing 384-well plates.

Features

- Flexible design for liquid transfers and pipetting operations for 96 and 384-well microplates.
- 96 high-performance glass syringe drive mechanism.
- 5-position deck with wash station allows walkaway plate reformatting of 4x96 to 1x384 or 1x384 to 4x96.
- Intuitive graphical user interface via serial interface control via laptop/PC.
- Small footprint conserves bench space and fits easily into suitably-sized hoods.

Automation

- The open deck design makes it easy to use robotics to supply labware and disposable tips to the PP series. It can be integrated as part of an automation workcell by combining it with laboratory automation software and robotics from Biosero, LLC.

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Options

- Optional Bluetooth wireless control for serial connection to computer.

Applications

- Plate replication.
- Plate reformatting.
- Reagent addition.
- Compound addition.
- PCR Setup.
- Cell distribution.

Specifications

- Dispensing Precision < 2% CV at 500 nl
< 3% CV at 100 nl
- Dispensing Accuracy +/- 2% at 100 nl
- Pipette Volume 0.1 - 100 ul
- Dimensions 28"W x 19"D x 23.5"H
711W x 483D x 97H mm
- Operating Width 39.5"/1003mm
- Weight Approx. 98 lbs (45 kg)
- Power 100 to 240 VAC, 50/60 HZ
- Operating Temperature 50 - 100 °F

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