

New 2-Year
Warranty!

PRECISION SERIES PIPETTOR



Precision Series Pipettor

Intuitive Control Panel

384 Adaptor

The **Precision Series Pipettor** is an intuitive multichannel pipettor capable of 96 and 384 well formats. *Plate stamping, plate reformatting, mixing, and serial dilute* have never been so easy and quick.

- **Intuitive**—Pipettors should not be complicated to use. Walk up to the Precision Series Pipettor with one hand behind your back and begin using it. The control panel buttons and rotary knob can all be used without removing your hand from the handle, all with a few fingers. The display will show you what is happening.
- **Multichannel**—96 individual air displacement channels assure the best accuracy and precision. Each instrument comes with a certificate of performance showing actual values achieved in all channels before shipment.
- **A 384 Plate Adaptor** is available to quickly populate a 384 well tray. Simply rotate the knob in the front from the number 1 to number 2, then 3 and 4 to complete the 96 to 384 formatting. No need to touch the 384 plate during this process.
- **Three Stations** accommodate most tasks, easily. The pipetting head self-centers itself over each station, there is no guess work required in aligning the tips with the well below.
- **Balanced Motion**—Lowering the tips into a plate is effortless, it can be done with one finger, the same goes for lifting the head and moving horizontally to and from each station.
- **Portable**—Only 20 pounds with handles and features to secure head motion for easy transportation to your desired workplace. Put it under a hood or bring to other lab areas and locations. There is no need to bring your work to the pipettor, rather bring the pipettor to your work.
- **Menu Options** through the “menu” button on the front control panel.
 - Custom Mixing* Just press the mix button and follow the prompts.
 - Program Option* Create and store your most common applications. Use pauses, beeps, display messages, or change speeds on the fly.
 - Change Speeds* For normal aspirate and dispensing through the control panel.
- **Warranty**—Two years, covers parts and labor. All work is performed at the same location where the instrument is manufactured. We pride ourselves on customer satisfaction.
- **Extended Maintenance Contracts** available upon request. Pick from a handful of options or create one for yourself. All work is done in a NIST standard lab with trained technicians at the manufacturing site.

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Parameter	Specifications
Overall Dimensions	● 16.5" (H) x 18.0" (L) x 10.0" (W) 420mm (H) x 458mm (L) x 254mm (W)
Mains Power Supply	● 100–240 V 47–63 Hz 1.4 A Max
Input voltage	● 24 VDC 2.7 A 65 watts
Operating Conditions, Indoor	● 50–102 F 10–40 C 85% RH non-condensing
Compliance	● CE, UL & CSA EN61010-1-NRTL
Weight	● 20 lbs 9.0 Kg
Plates, Racks	● Any SBS Footprint, 96 or 384 well
250 uL Pipetting Head Model	
Dispensing Volume	● 5–250 uL
Dispensing Resolution	● Slow-knob rotation 1 uL ● Fast-knob rotation 10 uL
Dispensing Precision	● 25–250 uL < 3% ● 5–24 uL < 5%
Dispensing Accuracy	● 5–250 uL +/- 3%
Speed: Slow	● 13 uL/s
Speed: Normal	● 62 uL/s
Speed: Fast	● 78 uL/s
20 uL Pipetting Head Model	
Dispensing Volume	● 1.0–20.0 uL
Dispensing Resolution	● Slow-knob rotation 0.1 uL ● Fast-knob rotation 1.0 uL
Dispensing Precision @	● 5.0–20.0 uL < 3% ● 1.0–4.9 uL < 5%
Dispensing Accuracy @	● 5.0–20.0 uL +/- 3% ● 1.0–4.9 uL +/- 5%
Speed: Slow	● 0.95 uL/s
Speed: Normal	● 5.0 uL/s
Speed: Fast	● 6.3 uL/s

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Model #	Description
BMS54000-0250	96 Channel 250 uL Precision Series Pipettor
BMS54000-0020	96 Channel 20 uL Precision Series Pipettor
Accessory 54563	Easy Tray—96 to 384 formatting
Accommodated Pipette Tips	Sorenson OneTouch series



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