

Precision Series Alpha Pipettor

Formerly the Sorenson Benchtop Pipettor | Manufactured by Sequence Biotech



The Precision Series Alpha 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 plate. 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 guesswork 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.
- **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.

**ON SALE FOR \$6,995
THROUGH 9/30/2025**



Precision Series Alpha Pipettor Specifications

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Parameter	Specifications
Overall Dimensions	16.6" (H) x 18.0" (L) x 10.0" (W) 420mm (H) x 458mm (L) x 254mm (W)
Mains Power Supply	100-240 V 47-63Hz 1.4 A Max
Input Voltage	24 VDC 2.7 A 65 Watts
Operating Conditions, Indoor	50-102 F 10-40C 85% RH non-conditioning
Compliance	CE, uL & CSA EN61010-1-NRTL
Weight	20 lbs 9.0 Kg
Plates, Rack	Any SBS Footprint, 96 or 384 well

250 uL Pipetting Head Model

Dispensing Volume	5-300 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/second
Speed: Normal	62 uL/second
Speed: Fast	78 uL/second

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/second
Speed: Normal	5.0 uL/second
Speed: Fast	6.3 uL/second

Ordering Information

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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