

Thermo Scientific Finnpiette Stepper

Stepper Pipettes – Finnpiette Stepper

The Finnpiette Stepper, a lightweight, easy-to-use repeater pipette, allows rapid repeat dispensing up to 45 times in succession without refilling. The universal Stepper handle is adapted for seven tip sizes*, to cover a dispensing volume range from 10 to 5000 μl . The handle is also available with an eight-channel module. Five delivery volumes are possible with each tip size. Simply attach the appropriate tip size, fill and prime the tip, and use the dial to select the volume. The ergonomic design of the handle makes it comfortable to use. For light, one-handed operation, the Stepper has a unique finger rest and dispensing lever. The Finnpiette Stepper works on the positive displacement principle and is ideally suited for work with corrosive and viscous liquids. All seven Finntip Stepper sizes are available in sterilized and unsterilized versions. Sterilized tips are individually packaged. * Adapter required for attaching the 25 and 50 ml tips.

Stepper Pipettes – Finnpiette Multistepper

The eight channel Finnpiette Multistepper, designed especially for work with Microtiter microplates, helps to speed up routine laboratory procedures. With a single loading, the Multistepper can deliver $24 \times 50 \mu\text{l} = 192$ wells, $12 \times 100 \mu\text{l} = 96$ wells, $8 \times 150 \mu\text{l} = 64$ wells, $6 \times 200 \mu\text{l} = 48$ wells or $5 \times 250 \mu\text{l} = 40$ wells. The eight channels are calibrated to simultaneously dispense exactly the same amount of liquid. The Multistepper works on the air displacement principle. It is comfortable to use - simply attach, fill and prime the module and dial in the selected volume. The same universal handle fits both the multichannel module and the seven, single channel Finntip Steppers.



Finntip Multistepper tips are suitable for repeat dispensing of:

- Aqueous solutions
- Enzyme samples
- Viscous solutions
- Chemical analyses

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Finnpiquette Stepper

Cat. no.	Description	Volume
4540 000	Finnpiquette Stepper	10-5000 µl

Adapter

Cat. no.	Description	Quantity
9420 300	Adapter	10/box
9420 310	Adapter/sterile	5/box

Finntip Stepper**

Cat. no.	Capacity	Dispensing Volume (µl)	Inaccuracy		Imprecision	
			µl	%	s.d.*µl	CV %*
9404 170	500 µl	50	±0.5	±1.0	0.3	0.6
		10	±0.1	±1.0	0.1	1.0
9404 180	1250 µl	125	±1.0	±0.8	0.6	0.5
		25	±0.2	±0.8	0.2	0.8
9404 190	2500 µl	250	±2.0	±0.8	0.8	0.3
		50	±0.4	±0.8	0.4	0.7
9404 200	5.0 ml	500	±4.0	±0.8	1.0	0.2
		100	±0.8	±0.8	0.5	0.5
9404 210	12.5 ml	1250	±7.5	±0.6	2.5	0.2
		250	±1.5	±0.6	1.0	0.4
9404 220	25 ml	2500	±12.5	±0.5	7.5	0.3
		500	±2.5	±0.5	2.5	0.5
9404 230	50 ml	5000	±25.0	±0.5	15.0	0.3
		1000	±5.0	±0.5	5.0	0.5

For additional information on Finntip Stepper package sizes, see page 34. * s.d. = Standard Deviation, CV = Coefficient of Variation ** Factory calibration limits.

Finnpiquette Multistepper**

Cat. no.	Channels	Capacity	Disp.vol. (µl)	Increment	Volume	Inaccuracy		Imprecision		Finntip
						µl	%	s.d.*µl	CV %*	
4540 500 ¹⁾	8	1250 µl	50-250	50 µl	250 µl	±5.0	±2.0	5.0	2.0	Multistepper
2206 590 ²⁾	8	1250 µl	50-250	50 µl	250 µl	±5.0	±2.0	5.0	2.0	Multistepper

* s.d. = Standard Deviation, CV = Coefficient of Variation ** Factory calibration limits. 1) Handle and module 2) Module only

Finntip Multistepper

Cat. no.	Description	Quantity
9401 300	Finntip Multistepper	400/box
9401 330	Finntip Multistepper	10x96/rack
9401 333	Finntip Multistepper sterile	10x96/rack