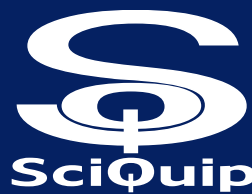


SciPette

Liquid Handling Solutions

SciPette **StepMate Stepper**



www.sciquip.co.uk

SciPette

Based on the principle of positive displacement, StepMate Stepper is designed for trouble-free and reliable dispensing of liquids, especially for high viscosity, high density and high vapor pressure. The 48-step dispensing allows for enhanced accuracy and usability.

- Light and ergonomic solution provides easy usability
- Single-handed operation
- Volume range from 10µL to 5mL
- Up to 48 dispensing steps
- Maintenance free
- Equipped with durable tip insertion lever
- Fits seven sizes of disposable polypropylene syringes from 0.5mL to 50mL

How to select dispensing volume

Find the required dispensing volume in the table Use the adjusting wheel to set the required volume Select and insert a suitable tip Follow the maximum dispensing steps



Tip Volume		Dispensing Volume				
Tips	Sel.	1	2	3	4	5
0.50ml		10µl	20µl	30µl	40µl	50µl
1.25ml		25µl	50µl	75µl	100µl	125µl
2.50ml		50µl	100µl	150µl	200µl	250µl
5.00ml		100µl	200µl	300µl	400µl	500µl
12.50ml		250µl	500µl	750µl	1000µl	1250µl
25.00ml		500µl	1000µl	1500µl	2000µl	2500µl
50.00ml		1000µl	2000µl	3000µl	4000µl	5000µl
Steps		48	23	15	11	8

SciQuip Ltd
Newtown
Wem
Shrewsbury
Shropshire
SY4 5NU, UK

Tel: +44 (0)1939 234222
Fax: +44 (0)1939 234221
Email: info@sciquip.co.uk
www.sciquip.co.uk

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Dial setting		1	2	3	4	5	Specifications		
Number of steps		48	23	15	11	8			
Cat. No.	Syringe volume (mL)	Sample volume (μL)					A %	P %	Description
		10	20	30	40	50			
		25	50	75	100	125			
		50	100	150	200	250			
		100	200	300	400	500			
		250	500	750	1000	1250			
		500	1000	1500	2000	2500			
		1000	2000	3000	4000	5000			
SP3051	0.50	10	20	30	40	50	± 0.8	≤ 0.7	0.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
SP3052	1.25	25	50	75	100	125	± 0.8	≤ 0.5	1.25mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
SP3053	2.50	50	100	150	200	250	± 0.8	≤ 0.4	2.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
SP3054	5.00	100	200	300	400	500	± 0.4	≤ 0.3	5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
SP3055	12.50	250	500	750	1000	1250	± 0.3	≤ 0.3	12.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
SP3056	25.00	500	1000	1500	2000	2500	± 0.2	≤ 0.3	25mL, piston PE-HD, cylinder PP, 1 packing, 2pcs/packing with 1 pc adapter
SP3057	50.00	1000	2000	3000	4000	5000	± 0.2	≤ 0.2	50mL, piston PE-HD, cylinder PP, 1 packing, 2pcs/packing with 1 pc adapter

SciPette stepper tips are particularly suitable for dispensing of fluids with high viscosity, high vapor pressure etc.

Tips are made from high-quality materials (Cylinder: PP, Piston: PE-HD) without soft lubricants or other additives.

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