

StepMate Stepper

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	

Steps

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.

Introduction:

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.

Features:

- * 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

Technical Parameters:

Note:

- 1.The first and last dispensing liquid should be discarded for precision.
- 2.Cat No. 7011000000

Dial setting	1	2	3	4	5
Number of steps	48	23	15	11	8

Cat. No.	Syringe Volume (mL)	Sample Volume (μL)					A %	P %	Description
17900032	0.50	10	20	30	40	50	± 0.8	≤ 0.7	0.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900033	1.25	25	50	75	100	125	± 0.8	≤ 0.5	1.25mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900034	2.50	50	100	150	200	250	± 0.8	≤ 0.4	2.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900035	5.00	100	200	300	400	500	± 0.4	≤ 0.3	5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900036	12.50	250	500	750	1000	1250	± 0.3	≤ 0.3	12.5mL, piston PE-HD, cylinder PP, 1 packing, 5 pcs/packing
17900037	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
17900038	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