

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Stepmate Stepper

Valid for Catalog No. E11171

1. Description/Specification

1.1 Description: Stepmate Stepper, 0.5-50ml capacity.

1.1.1 Stepmate Stepper is ideal for routine or research applications in diagnostics, molecular biology, environmental analysis and more.

1.1.2 Stepmate Stepper works on positive displacement pressure and offers highest precision dispensing of liquid media with high viscosity, high density and high vapor pressure.

1.1.3 It provides up to 48 dispensing steps and improves work efficiently.

1.1.4 It is lightweight and ergonomic.

1.1.5 Factory fitted calibration

1.2 Design:

Light weight & simple to use operation.

1.3 Material: PP (polypropylene)

1.4 Color: White & Black

1.5 Basic Features

1.5.1 Made up of highly Virgin thermoplastic polypropylene

1.5.2 It can be used with one hand and is maintenance free.

1.5.3 Chemical resistance: see website (www.abdoslifesciences.com)



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001,13485,14001,18385,GMP & CE certified company)
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1.6. Suitable Tips & Adapter for Stepmate Stepper

Code	Capacity (ml)	Colour	No. Per Case
E11172D	0.5	Natural	100
E11173D	1.25	Natural	100
E11174D	2.5	Natural	100
E11175D	5	Natural	100
E11176D	12.5	Natural	100
E11177D	25	Natural	25
E11178D	50	Natural	25
E11179D	Adapters for 25 ml	Red	1
E11180D	Adapters for 50 ml	Grey	1
E11181D	0.5	Natural	100
E11182D	1.25	Natural	100
E11183D	2.5	Natural	100
E11184D	5	Natural	100
E11185D	12.5	Natural	100
E11186D	25	Natural	25
E11187D	50	Natural	25

1.6.1 The first and last dispensing liquid should be discarded for precision.

Dial Setting	01	02	03	04	05
Number of Steps	48	23	15	11	08

Syringe Volume	Test Volume (μ l)					A%	P%
0.50 ml	10	20	30	40	50	± 0.8	≤ 0.7
1.25 ml	25	50	75	100	125	± 0.8	≤ 0.5
2.50 ml	50	100	150	200	250	± 0.8	≤ 0.4
5.00 ml	100	200	300	400	500	± 0.4	≤ 0.3
12.50 ml	250	500	750	1000	1250	± 0.3	≤ 0.3
25.00 ml	500	1000	1500	2000	2500	± 0.2	≤ 0.3
50.0 ml	1000	2000	3000	4000	5000	± 0.2	≤ 0.2



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1.6.2 CE Certified

1.7 Quality control:

Product are manufactured, inspected and found to be in compliance with product & quality specification requirements as documented in ISO 9001:2015 & 13485:2016 Quality Management System. Testing of various characteristics in accordance with the valid specification, inspection reviewed & signed for product release.

Warranty: 12 months from the date of Installation or 15 months from the date of Invoicing

Instruction for Use

Product can be used for food contact also.
Storage temp. Max 30°C
Before using the product check crackness etc.
Check all the information printed on pouches or boxes.
Always wear gloves while handling specimen.

WARNING

DO NOT store strong oxidizing agents.
DO NOT place any plastic labware in a flame.
DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure
Consult local fire codes prior to storage of flammable liquids.



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