

Problem Liquids – No Problem

Ergonomic Positive Displacement



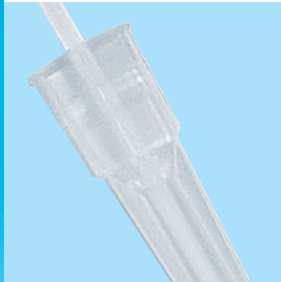
No contamination

Because the piston makes direct contact with the sample, there is no air gap, and no chance for aerosols to form. Disposable pistons and capillaries protect samples from contaminating the instrument.



Natural fit and feel

The Pos-D's ergonomically designed handle has a natural feel and fits comfortably in your hand. The fingerhook supports the pipette so you don't have to grip it tightly.



Pre-assembled disposables

Capillaries and pistons are assembled and racked by a robotic process that eliminates human contact, then sterilized by e-beam radiation. No assembly required – ready to snap on and use.



Pos-D™ Positive Displacement Pipette

Eliminates Cross-contamination

Specially suited for liquids with high densities, viscosities and vapor pressures. Disposable capillaries and pistons, and positive displacement eliminate the potential for cross-contamination from aerosols, samples or the pipette. The positive wiping action of the piston against the capillary wall assures complete dispensing without droplets. Pistons and capillaries are ready for use: pre-assembled and presterilized.

Rainin Pos-D

Ergonomic Positive Displacement Pipette

Standard equipment

- Ideal for pipetting samples with high densities, viscosities or vapor pressures (paint, glue, oil, alcohol glycerol, sera)
- Ergonomic handle design with a comfortable finger-hook fits naturally in your hand and is easy to hold
- Easy volume setting: no need to twist the pipette to set or read volume
- Six pipette volumes cover the range 0.5 µL – 1000 µL

Pistons and capillaries

- Presterilized by e-beam for contamination-free performance
- Pre-assembled and racked for quick mounting
- 10, 25, 50, 100, 250, and 1000 µL volumes
- For use with Pos-D and Microman® pipettes



Technical Data

Ordering Information

Pos-D Pipettes

Cat. No.	MT Order No.	Volume Range
MR-10	17008575	0.5 – 10 µL
MR-25	17008576	3 – 25 µL
MR-50	17008577	20 – 50 µL
MR-100	17008578	10 – 100 µL
MR-250	17008579	50 – 250 µL
MR-1000	17008580	100 – 1000 µL

Piston and Capillaries

Cat. No.	MT Order No.	Description
C-10	17008604	3 racks of 60 each, presterilized
C-25	17008605	3 racks of 60 each, presterilized
C-50	17008606	3 racks of 60 each, presterilized
C-100	17008607	3 racks of 60 each, presterilized
C-250	17008608	3 racks of 60 each, presterilized
C-1000	17008609	3 racks of 60 each, presterilized

Specifications

Model	Volume µL	Increment µL	Accuracy		Precision	
			%	µL (±)	%	µL (≤)
10 µL	1	0.02	9.0	0.09	3.0	0.03
	5		2.0	0.10	0.6	0.03
	10	1.5	0.15	0.6	0.06	
25 µL	3	0.02	8.3	0.25	2.7	0.08
	10		2.7	0.27	0.8	0.08
	25	1.2	0.30	0.4	0.10	
50 µL	20	0.02	1.7	0.34	1.0	0.20
	50		1.4	0.70	0.6	0.30
100 µL	10	0.2	5.0	0.50	2.0	0.20
	50		1.5	0.75	0.6	0.30
	100	1.0	1.00	0.4	0.40	
250 µL	50	0.2	3.0	1.50	0.6	0.30
	100		1.7	1.70	0.3	0.30
	250	1.0	2.50	0.2	0.50	
1000 µL	100	2	3.0	3.00	1.6	1.60
	500		1.0	5.00	0.5	2.50
	1000	0.8	8.00	0.4	4.00	

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Color-coded

For convenience, the plunger buttons on each model of Pos-D pipettes match the accent color of the appropriate capillary-piston rack.



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