

Problem liquids – no problem

Hand-friendly positive displacement

Specialty Pipettes



No contamination

No air between the liquid sample and the piston prevents formation of aerosols. Disposable pistons and capillaries protect samples from instrument contamination.



No need to grip

Pos-D has a natural feel and fits comfortably in your hand due to larger and more ergonomically designed handle. The display of the Pos-D faces you, so there's no need to twist the pipette and your wrist to set or read volume.



Pre-assembled disposables

Capillaries and pistons are assembled and racked by a robotic process to ensure no human contact, and then sterilized by e-beam radiation for freedom from contamination. No assembly required, ready to snap on and use.



Pos-D™ Positive Displacement Pipette

Specially suited for liquids with high densities, viscosities or vapor pressures. Disposable capillaries and pistons, and positive displacement absolutely eliminate cross-contamination from aerosols, samples or 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.

Technical data

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 allows an easy grip
- Easy volume setting: no need to twist the pipette to set or read volume
- Six pipette volumes: 10, 25, 50, 100, 250, and 1000 μl

Pistons and Capillaries

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

Ordering Information

Pos-D pipettes

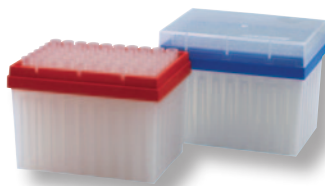
Cat. No.	Description
C-10	3 racks of 60 each, presterilized
C-25	3 racks of 60 each, presterilized
C-50	3 racks of 60 each, presterilized
C-100	3 racks of 60 each, presterilized
C-250	3 racks of 60 each, presterilized
C-1000	3 racks of 60 each, presterilized

Capillaries and Pistons

Cat. No.	Volume Range
MR-10	0.5–10 μl
MR-25	3–25 μl
MR-50	20–50 μl
MR-100	10–100 μl
MR-250	50–250 μl
MR-1000	100–1000 μl

Color-coded

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



Specifications

Model	Volume	Increment	Accuracy		Precision	
	μL		%	$\mu\text{L} (\pm)$	%	$\mu\text{L} (\leq)$
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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