

Challenging Liquids? No Problem!

Ergonomic Positive Displacement



Pipette with Confidence!

Rainin positive displacement pipettes expertly handle a broad range of liquid types – from aqueous to viscous – with exceptional accuracy and precision.



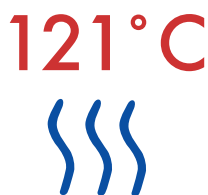
See Your Volume

The front-facing, four-digit micrometer is easy to read and color bands on the pipette's handle make each PQ model – 10, 25, 50, 100, 250 and 1000 μL – instantly recognizable.



"One Click" Security

The volume lock and convenient tip loading mechanism both offer an audible "click" to let you know they're locked and ready.



Autoclavable Liquid End

With a quick quarter twist, the liquid end easily detaches/reattaches for cleaning and autoclaving.



PQ Positive Displacement Pipettes

Precise and Reproducible Pipetting

With precision engineering and positive displacement technology, the Rainin PQ delivers highly precise and reproducible pipetting for viscous, volatile, foaming and conventional aqueous solutions. The PQ features a front-facing micrometer with four-digit precision and a convenient locking mechanism to prevent drift. Loaded with handy features, the Rainin PQ lets you transfer challenging liquids with exceptional ease and accuracy.

Rainin PQ

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
- Front-facing micrometer is easy to read and set
- Six pipette volumes cover the range 1 μL – 1000 μL

Pistons and Capillaries

- Sterilized 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 PQ and Pos-D™ pipettes



Technical Data

Model	Volume (μL)	Increment (μL)	Systematic Error		Random Error	
			%	μL ($\pm$)	%	μL ($\leq$)
10 μL	1.0	0.02	9.0	0.09	3.0	0.03
	5.0		2.0	0.10	0.6	0.03
	10.0		1.5	0.15	0.6	0.06
25 μL	2.5	0.02	9.0	0.23	3.0	0.08
	12.5		2.2	0.28	0.6	0.08
	25		1.2	0.30	0.4	0.10
50 μL	5	0.05	6.0	0.30	3.0	0.15
	25		1.5	0.38	1.0	0.25
	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	25	0.2	4.0	1.00	1.0	0.25
	125		1.5	1.88	0.3	0.38
	250		1.0	2.50	0.2	0.50
1000 μL	100	1.0	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



Color-coded

For convenience, the PQ's plunger buttons match the accent color of the appropriate capillary-piston rack

Ordering Information

Description	Max. Volume or Range	Order No.
Rainin PQ Pipettes		
PQ-10	1 – 10 μL	30842815
PQ-25	2.5 – 25 μL	30842816
PQ-50	5 – 50 μL	30842817
PQ-100	10 – 100 μL	30842818
PQ-250	25 – 250 μL	30842819
PQ-1000	100 – 1000 μL	30842820
PQ Piston and Capillaries		
Pipette Tips C POSD 10 μL S 180/3	10 μL	17008604
Pipette Tips C POSD 25 μL S 180/3	25 μL	17008605
Pipette Tips C POSD 50 μL S 180/3	50 μL	17008606
Pipette Tips C POSD 100 μL S 180/3	100 μL	17008607
Pipette Tips C POSD 250 μL S 180/3	250 μL	17008608
Pipette Tips C POSD 1000 μL S 180/3	1000 μL	17008609
Pipette Tips C POSD 10 μL 180/3	10 μL	17012264
Pipette Tips C POSD 25 μL 180/3	25 μL	17012265
Pipette Tips C POSD 50 μL 180/3	50 μL	17012266
Pipette Tips C POSD 100 μL 180/3	100 μL	17012267
Pipette Tips C POSD 250 μL 180/3	250 μL	17012268
Pipette Tips C POSD 1000 μL 180/3	1000 μL	17012135

S: Sterilized POSD: Positive Displacement

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