

# Challenging Liquids? No Problem!

## Ergonomic Positive Displacement

# Specialty Pipettes



### 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  $\mu\text{L}$  – 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  $\mu\text{L}$  – 1000  $\mu\text{L}$

### 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  $\mu\text{L}$  volumes
- For use with PQ, Pos-D and Microman® pipettes



## Technical Data

Model	Volume ( $\mu\text{L}$ )	Increment ( $\mu\text{L}$ )	Systematic Error		Random Error	
			%	$\mu\text{L}$ ( $\pm$ )	%	$\mu\text{L}$ ( $\leq$ )
10 $\mu\text{L}$	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 $\mu\text{L}$	2.5	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 $\mu\text{L}$	5	0.05	0.0	0.00	0.00	0.00
	20		1.7	0.34	1.0	0.20
	50		1.4	0.70	0.6	0.30
100 $\mu\text{L}$	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 $\mu\text{L}$	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 $\mu\text{L}$	100	1.0	3.0	3.0	1.6	1.60
	500		1.0	5.0	0.5	2.50
	1000		0.0	8.0	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..
<b>Rainin PQ Pipettes</b>		
PQ-10	1 – 10 $\mu\text{L}$	<b>30842815</b>
PQ-25	2.5 – 25 $\mu\text{L}$	<b>30842816</b>
PQ-50	5 – 50 $\mu\text{L}$	<b>30842817</b>
PQ-100	10 – 100 $\mu\text{L}$	<b>30842818</b>
PQ-250	50 – 250 $\mu\text{L}$	<b>30842819</b>
PQ-1000	100 – 1000 $\mu\text{L}$	<b>30842820</b>
<b>PQ Piston and Capillaries</b>		
PQCP 10 $\mu\text{L}$ S 180/3	10 $\mu\text{L}$	<b>63305398</b>
PQCP 25 $\mu\text{L}$ S 180/3	25 $\mu\text{L}$	<b>63305397</b>
PQCP 50 $\mu\text{L}$ S 180/3	50 $\mu\text{L}$	<b>63305400</b>
PQCP 100 $\mu\text{L}$ S 180/3	100 $\mu\text{L}$	<b>63305399</b>
PQCP 250 $\mu\text{L}$ S 180/3	250 $\mu\text{L}$	<b>63305538</b>
PQCP 1000 $\mu\text{L}$ S 180/3	1000 $\mu\text{L}$	<b>63305537</b>
PQCP 10 $\mu\text{L}$ 180/3	10 $\mu\text{L}$	<b>63305398</b>
PQCP 25 $\mu\text{L}$ 180/3	25 $\mu\text{L}$	<b>63305397</b>
PQCP 50 $\mu\text{L}$ 180/3	50 $\mu\text{L}$	<b>63305400</b>
PQCP 100 $\mu\text{L}$ 180/3	100 $\mu\text{L}$	<b>63305399</b>
PQCP 250 $\mu\text{L}$ 180/3	250 $\mu\text{L}$	<b>63305538</b>
PQCP 1000 $\mu\text{L}$ 180/3	1000 $\mu\text{L}$	<b>63305537</b>

S: sterilized

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Subject to technical changes

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