

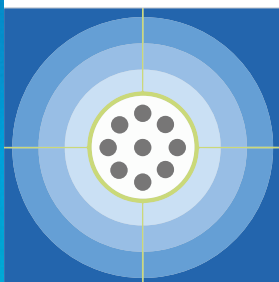
# Multichannel Pipettes

## Precise, Exceptional Performance



### LTS: Ergonomic Pipetting

The precision-crafted shafts and tips of the Rainin LiteTouch System (LTS) create a light, airtight seal every time on every channel of the PL+ multichannel pipette. The patented design virtually eliminates the physical forces associated with mounting and ejecting tips.



### High Precision

A tight tip-shaft seal on every channel of the PL+ ensures repeatable precision. High-quality parts and exacting product design deliver consistent aspiration and dispensing across all channels – for reliable results.



### Easy to Handle

With light spring forces, a finger hook to relieve grip force and volume lock to prevent drift, Pipet-Lite PL+ multichannels offer extraordinary comfort, even after hours of pipetting. The plunger stroke is light, smooth and absolutely consistent from start to finish.



### Superior Performance

Advanced technology delivers outstanding performance for Pipet-Lite PL+ multichannel pipettes. Quickly set a precise volume by turning the plunger button, then use the lock to prevent accidental changes.



### Pipet-Lite PL+ Multichannels Superior Precision and Performance

For extraordinary comfort and performance, Rainin Pipet-Lite™ PL+ multichannel pipettes are based on the classic ergonomic design of the Pipet-Lite series. Exceptional precision and consistency across all channels means that your experimental data will be reliable and reproducible. The lightweight design, combined with the Rainin patented LiteTouch™ System (LTS™) technology, reduces the physical forces associated with pipetting so you can concentrate on your research.

# Pipet-Lite PL+ Multichannel Pipettes

## Reliable Multichannel Pipetting

### Advanced Functionality

- 8- and 12-channel formats for volumes from 0.5 to 300  $\mu\text{L}$
- LiteTouch System (LTS) for unsurpassed sealing performance and consistent pipetting on all channels
- Simple, low-force tip ejection
- Ergonomic handle design with finger hook
- Volume adjustment lock prevents drift
- Built-in shock absorber inside the tip ejector reduces thumb impact



### Technical Data

Model	Volume $\mu\text{L}$	Increment $\mu\text{L}$	Systematic Error		Random Error	
			%	$\mu\text{L} (\pm)$	%	$\mu\text{L} (<)$
10 $\mu\text{L}$	1.0	0.02	4	0.04	5	0.05
	5.0		1.5	0.075	1.5	0.075
	10		1	0.1	0.5	0.05
20 $\mu\text{L}$	2	0.02	7.5	0.15	4	0.08
	10		1.5	0.15	1.5	0.15
	20		1	0.1	0.5	0.1
50 $\mu\text{L}$	5	0.05	3.5	0.18	2	0.1
	25		1.2	0.3	0.5	0.125
	50		0.8	0.4	0.4	0.2
100 $\mu\text{L}$	20	0.2	2.5	0.5	1.2	0.24
	100		0.8	0.8	0.25	0.25
	200		0.8	1.6	0.3	0.6
200 $\mu\text{L}$	30	0.5	2.5	0.75	1.5	0.45
	150		0.8	1.2	0.3	0.45
	300		0.8	2.4	0.25	0.75
300 $\mu\text{L}$	30	0.5	2.5	0.75	1.5	0.45
	150		0.8	1.2	0.3	0.45
	300		0.8	2.4	0.25	0.75

Specifications are subject to change without notice.

Rainin, Pipetting 360°, LTS, LiteTouch and Pipet-Lite are trademarks of Mettler-Toledo Rainin, LLC.

### Ordering Information

MT-Order No.	Description	Volume Range
8-Channel		
30537456	L8-10PL+	0.5-10 $\mu\text{L}$
30537457	L8-20PL+	2-20 $\mu\text{L}$
30537458	L8-50PL+	5-50 $\mu\text{L}$
30537459	L8-200PL+	20-200 $\mu\text{L}$
30537460	L8-300PL+	20-300 $\mu\text{L}$
12-Channel		
30537461	L12-10PL+	0.5-10 $\mu\text{L}$
30537462	L12-20PL+	2-20 $\mu\text{L}$
30537463	L12-50PL+	5-50 $\mu\text{L}$
30537464	L12-200PL+	20-200 $\mu\text{L}$
30537465	L12-300PL+	20-300 $\mu\text{L}$

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