

Pipet-Lite PL+

Performance and Durability for Less



LTS – The Best Choice
LTS™ LiteTouch™ System has a small sealing area and a positive stop, requiring low forces to mount and eject tips while ensuring a perfect seal. No need to pound tips onto the shaft! LTS reduces pipette shaft wear and lengthens pipette life.



Accuracy and Precision

With the same high standards of accuracy and precision you have come to expect of all Rainin pipettes, Pipet-Lite PL+ delivers reliable results you can trust.



Durability and Reliability

Built tough, Pipet-Lite PL+ is engineered and constructed to withstand the rigors of daily lab use and will deliver years of reliable service.



Enhanced Functionality

From the color-coded volume indicator to the conveniently positioned volume window, every aspect of the Rainin Pipet-Lite PL+ has been designed for efficiency and easy, one-handed operation.



Pipet-Lite™ PL+

Your Research Assistant

Rainin Pipet-Lite PL+ delivers exceptional accuracy and durability at an affordable price. Designed for ease of use, this robust pipette features a color-coded indicator for easy volume identification and tip selection, and micrometer positioned to make the volume readable without changing hands.

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Pipet-Lite PL+

Your Research Assistant

Standard equipment

- Reduced differential between aspiration and blowout spring forces makes both springs significantly lighter
- Ergonomic handle design with comfortable fingerhook
- Lockable volume adjustment cannot be changed accidentally
- Built-in shock absorber inside the tip ejector reduces thumb impact
- LTS pipettes and tips are color coded for easy volume identification and tip selection
- Blue rubber knob cap on plunger button improves ergonomics
- The SL-20PL+ model with an extended ejector sleeve fits 10X μL extended-length tips as well as 250 μL tips without the sleeve
- Available with LTS and universal tip/shaft configurations



Technical Data

Specifications

Model	Volume (μL)	Increment (μL)	Systematic Error		Random Error	
			%	$\mu\text{L} (\pm)$	%	$\mu\text{L} (\leq)$
SL-2PL+	0.2	0.002	12	0.024	6.0	0.012
	1		2.7	0.027	1.3	0.013
	2		1.5	0.030	0.70	0.014
SL-10PL+	1.0	0.02	2.5	0.025	1.2	0.012
	5.0		1.5	0.075	0.60	0.030
	10.0		1.0	0.10	0.40	0.040
SL-20PL+	2	0.02	7.5	0.15	2.0	0.040
	10		1.5	0.15	0.50	0.050
	20		1.0	0.20	0.30	0.060
SL-100PL+	10	0.2	3.5	0.35	1.0	0.10
	50		0.80	0.40	0.24	0.12
	100		0.80	0.80	0.15	0.15
SL-200PL+	20	0.2	2.5	0.50	1.0	0.20
	100		0.80	0.80	0.25	0.25
	200		0.80	1.6	0.15	0.30
SL-1000PL+	100	2	3.0	3.0	0.60	0.60
	500		0.80	4.0	0.20	1.0
	1000		0.80	8.0	0.15	1.5
SL-5000PL+	500	5	2.4	12	0.60	3.0
	2500		0.60	15	0.20	5.0
	5000		0.60	30	0.16	8.0
SL-10MLPL+	1 mL	20	5.0	50	0.60	6.0
	5 mL		1.0	50	0.20	10
	10 mL		0.60	60	0.16	16

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Ordering Information

Instruments

UNV	MT-Order No.	Description	LTS	MT-Order No.	Description	Volume Range
	30973077	SL-2PL+		30973085	L-2PL+	0.1-2 μL
	30973078	SL-10PL+		30973086	L-10PL+	0.5-10 μL
	30973079	SL-20PL+*		30973087	L-20PL+	2-20 μL
	30973080	SL-100PL+		30973088	L-100PL+	10-100 μL
	30973081	SL-200PL+		30973089	L-200PL+	20-200 μL
	30973082	SL-1000PL+		30973090	L-1000PL+	100-1000 μL
	30973083	SL-5000PL+		30973091	L-5000PL+	500-5000 μL
	30973084	SL-10MLPL+		30973092	L-10MLPL+	1000 μL -10 mL

* Included in the box is one extended sleeve.

Pipet-Lite PL+ Starter Kits

UNV	MT-Order No.	Description	Note:
	31021642	Pipet-Lite PL+ Starter Kit SL-2PL+	Each starter kit comes with the pipette model of choice, three bags of matching bulk tips (1000 tips/bag) and one empty rack.
	31021643	Pipet-Lite PL+ Starter Kit SL-10PL+	
	31021644	Pipet-Lite PL+ Starter Kit SL-20PL+ (with 10X μL tips)	
	31021645	Pipet-Lite PL+ Starter Kit SL-100PL+	
	31021646	Pipet-Lite PL+ Starter Kit SL-200PL+	
	31021647	Pipet-Lite PL+ Starter Kit SL-1000PL+	

Accessories

31021640	Knob Cap PL+
31021641	Extended Sleeve PL+ SL-20

METTLER TOLEDO Group

Local contact: www.mt.com/contacts

Subject to technical changes

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For more information