

Pipet-Lite PL

Superior Accuracy and Ergonomics



Durable and easy to use

Built rugged with the finest materials available, Pipet-Lite PL pipettes deliver years of accurate, reliable service. Their advanced ergonomic design makes them easy on your hand and simple to use. Setting the volume is easy – even with gloves – and the volume lock prevents accidental volume changes or drift.



Ergonomic design

This lightweight, ergonomically shaped pipette with comfortable fingerhook assures optimal handling comfort even for long pipetting days. The fingerhook allows you to rest your hand and use a lighter grip during pipetting.



Accurate – less thumb impact

Lighter plunger springs coupled with new low-drag seals reduce thumb force and improve pipetting accuracy. A silicone shock absorber inside the tip ejector mechanism helps reduce thumb impact and stress when ejecting tips.



Ceramic pistons

Pipet-Lite PL 1000 μ L models are equipped with ceramic pistons, which is especially advantageous when working with corrosive or aggressive samples.



Pipet-Lite™ PL Research Assistant

Rainin Pipet-Lite PL is one of the most ergonomic universal-fit manual pipettes available. Accurate and precise, Pipet-Lite PL delivers light and smooth operation even after hours of pipetting. It is a favorite of research scientists for its ruggedness and dependability, and offers the lowest plunger forces of any manual pipette – about 35% less than most similar pipettes. A shock absorber built into the tip ejector helps protect the thumb.

Pipet-Lite PL

Research Assistant

Standard equipment

- Reduced differential between the forces of aspiration and blowout springs 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
- Autoclavable quick-release tip ejector on all models
- Universal shaft for use with universal tips
- Ceramic pistons in 1000 μL models

Technical Data

Specifications

Model	Volume (μL)	Increment (μL)	Accuracy		Precision	
			%	μL (\pm)	%	μL (\leq)
SL-2PL	0.2	0.002	12.0	0.024	6.0	0.012
	1		2.7	0.027	1.3	0.013
	2		1.5	0.030	0.7	0.014
SL-10PL	1.0	0.02	2.5	0.025	1.2	0.012
	5.0		1.5	0.075	0.6	0.03
	10.0		1.0	0.1	0.4	0.04
SL-20PL	2	0.02	7.5	0.15	2.0	0.04
	10		1.5	0.15	0.5	0.05
	20		1.0	0.2	0.3	0.06
SL-100PL	10	0.2	3.5	0.35	1.0	0.1
	50		0.8	0.4	0.24	0.12
	100		0.8	0.8	0.15	0.15
SL-200PL	20	0.2	2.5	0.5	1.0	0.2
	100		0.8	0.8	0.25	0.25
	200		0.8	1.6	0.15	0.3
SL-1000PL	100	2	3.0	3.0	0.6	0.6
	500		0.8	4.0	0.2	1.0
	1000		0.8	8.0	0.15	1.5
SL-5000PL	500	5	2.4	12.0	0.6	3.0
	2500		0.6	15.0	0.2	5.0
	5000		0.6	30.0	0.16	8.0
SL-10MLPL	1 mL	10	5	50.0	0.6	6.0
	5 mL		1	50.0	0.2	10.0
	10 mL		0.6	60.0	0.16	16.0

Ordering Information

Order No.	Description	
30231217	SL-2PL	0.1–2 μL
30231218	SL-10PL	0.5–10 μL
30231219	SL-20PL	2–20 μL
30231220	SL-100PL	10–100 μL
30231221	SL-200PL	20–200 μL
30231222	SL-1000PL	100–1000 μL
30231223	SL-5000PL	500–5000 μL
30231224	SL-10MLPL	1000 μL –10 mL



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