

Pipet-Lite XLS+ Single Channels

Performance You Can Trust



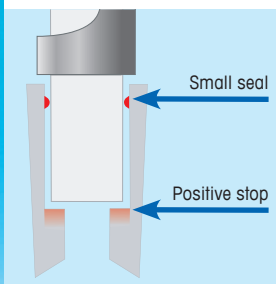
Total hand comfort

With sure-fit handles, contoured finger hooks, lighter springs, low-drag seals and Rainin's patented LTS LiteTouch System technology, you can count on Pipet-Lite XLS+ to provide comfort all day long.



Smooth operation

The sealing system on XLS+ pipettes delivers a plunger stroke that is smooth, precise and requires less force than ever. Perfect for pipetting applications that require delicate control.



Lightest touch

Nothing beats Rainin's patented LTS® LiteTouch® System for ergonomics and ease of use. The small sealing area and positive stop ensure tips load quickly, seal perfectly and are easy to eject. And with new low-drag seals and lighter springs, your hands will feel the difference. No need to pound on the tips!



GLP/GMP security

Rainin pipettes were the world's first to be equipped with Radio Frequency Identification (RFID) chips for storing service and data profiles on-board, tracking calibration data and managing pipette inventory.



Pipet-Lite XLS+ with RFID

The Performance Champions

The new Pipet-Lite® XLS+™ is one of the most ergonomic accurate and precise pipettes on the market. The sure-fit handle, light springs and "stiction-less" sealing technology ensure smooth, light operation and significantly reduce the risk of repetitive strain injuries. Pipet-Lite XLS+ is the world's first pipette equipped with RFID tags for advanced calibration and asset management. Tip shaft options included low-force LTS® for improved ergonomics and universal fit.

Pipet-Lite® XLS+™ with RFID

The Performance Champion

Feature Loaded

- Ergonomic handle design with comfortable fingerhook
- Improved volume adjustment lock prevents drift
- Built-in shock absorber inside the tip ejector reduces thumb impact
- Autoclavable shaft assembly
- Available with LTS and universal tip/shaft configurations
- Corrosion free, easy to clean tip ejector
- RFID tags for asset management



Optional RFID Reader works with all Rainin RFID-enabled pipettes, and interfaces with METTLER TOLEDO's LabX™ Direct Pipette-Scan™ calibration check.

Technical Data

Specifications

Model	Volume (µL)	Increment (µL)	Accuracy		Precision	
			%	µL (±)	%	µL (≤)
L-2XLS+	0.2	0.002	12.0	0.024	6.0	0.012
SL-2XLS+	1		2.7	0.027	1.3	0.013
	2		1.5	0.030	0.7	0.014
L-10 XLS+	1.0	0.02	2.5	0.025	1.2	0.012
SL-10XLS+	5.0		1.5	0.075	0.6	0.03
	10.0		1.0	0.1	0.4	0.04
L-20XLS+	2	0.02	7.5	0.15	2.0	0.04
SL-20 XLS+	10		1.5	0.15	0.5	0.05
	20		1.0	0.2	0.3	0.06
L-100XLS+	10	0.2	3.5	0.35	1.0	0.1
SL-100XLS+	50		0.8	0.4	0.24	0.12
	100		0.8	0.8	0.15	0.15
L-200XLS+	20	0.2	2.5	0.5	1.0	0.2
SL-200XLS+	100		0.8	0.8	0.25	0.25
	200		0.8	1.6	0.15	0.3
L-300XLS+	30	0.5	2.5	0.75	1.0	0.3
SL-300XLS+	150		0.8	1.2	0.25	0.375
	300		0.8	2.4	0.15	0.45
L-1000XLS+	100	2	3.0	3.0	0.6	0.6
SL-1000XLS+	500		0.8	4.0	0.2	1.0
	1000		0.8	8.0	0.15	1.5
L-2000XLS+	200	2	3.0	6.0	0.6	1.2
SL-2000XLS+	1000		0.8	8.0	0.2	2.0
	2000		0.8	16.0	0.12	2.4
*L-5000XLS.	500	5	2.4	12.0	0.6	3.0
*SL-5000XLS	2500		0.6	15.0	0.2	5.0
	5000		0.6	30.0	0.16	8.0
*L-10MLXLS.	1 mL	20	5.0	50.0	0.6	6.0
*SL-10MLXLS	5 mL		1.0	50.0	0.2	10.0
	10 mL		0.6	60.0	0.16	16.0
*L-20MLXLS	2 mL	20	5.0	100.0	0.6	12.0
	10 mL		1.0	100.0	0.2	20.0
	20 mL		0.6	120.0	0.16	32.0

Ordering Information

Cat. No. LTS	MT-Order No. LTS	Cat. No. Traditional	MT-Order No. Traditional	Volume Range
L-2XLS+	17014393	SL-2XLS+	17014413	0.1–2 µL
L-10XLS+	17014388	SL-10XLS+	17014409	0.5–10 µL
L-20XLS+	17014392	SL-20XLS+	17014412	2–20 µL
L-100XLS+	17014384	SL-100XLS+	17014408	10–100 µL
L-200XLS+	17014391	SL-200XLS+	17014411	20–200 µL
L-300XLS+	17014405	SL-300XLS+	17014414	20–300 µL
L-1000XLS+	17014382	SL-1000XLS+	17014407	100–1000 µL
L-2000XLS+	17014390	SL-2000XLS+	17014410	200–2000 µL
*L-5000XLS	17011790	*SL-5000XLS	17011801	500–5000 µL
*L-10MLXLS	17011783	*SL-10MLXLS	17011795	1000 µL–10 mL
*L-20MLXLS	17011788	N/A	N/A	2000 µL–20 mL
L-STARTXLS+	17014406	SL-STARTXLS+	17014415	Starter Kits**

* The 5000 µL, 10 mL and 20 mL models do not appear the same as the photos.

** Include 20, 200, 1000 µL models, tips and accessories.

Accessories

Cat. No.	MT-Order No.	Description
RFID-KIT	17011966	RFID Kit including Rainin RFID Reader and LabX Direct Pipette-Scan Software
RFID-RDR	17011964	Rainin RFID Reader
LABX-PIPET	17011965	LabX Direct Pipette-Scan Software

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