

## Pipet-Lite XLS+ Single Channels

### Performance You Can Trust



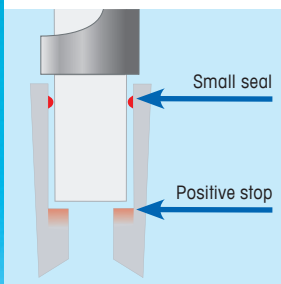
#### Total hand comfort

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



The 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+, SL-2XLS+	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
L-10 XLS+, SL-10XLS+	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
L-20XLS+, SL-20 XLS+	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
L-100XLS+, SL-100XLS+	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
L-200XLS+, SL-200XLS+	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
L-300XLS+, SL-300XLS+	30	0,5	2,5	0,75	1,0	0,3
	150		0,8	1,2	0,25	0,375
	300		0,8	2,4	0,15	0,45
L-1000XLS+, SL-1000XLS+	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
L-2000XLS+, SL-2000XLS+	200	2	3,0	6,0	0,6	1,2
	1000		0,8	8,0	0,2	2,0
	2000		0,8	16,0	0,12	2,4
*L-5000XLS, *SL-5000XLS	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
*L-10MLXLS, *SL-10MLXLS	1 mL	20	5,0	50,0	0,6	6,0
	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

MT-Order No, LTS	Description	MT-Order No, Traditional	Description	Volume Range
17014393	L-2XLS+	17014413	SL-2XLS+	0,1–2 µL
17014388	L-10XLS+	17014409	SL-10XLS+	0,5–10 µL
17014392	L-20XLS+	17014412	SL-20XLS+	2–20 µL
17014384	L-100XLS+	17014408	SL-100XLS+	10–100 µL
17014391	L-200XLS+	17014411	SL-200XLS+	20–200 µL
17014405	L-300XLS+	17014414	SL-300XLS+	20–300 µL
17014382	L-1000XLS+	17014407	SL-1000XLS+	100–1000 µL
17014390	L-2000XLS+	17014410	SL-2000XLS+	200–2000 µL
17011790	*L-5000XLS	17011801	*SL-5000XLS	500–5000 µL
17011783	*L-10MLXLS	17011795	*SL-10MLXLS	1000 µL–10 mL
17011788	*L-20MLXLS	N/A	N/A	2000 µL–20 mL
17014406	L-STARTXLS+	17014415	SL-STARTXLS+	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

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

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Subject to technical changes

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