

Performance Champion

Low forces – extreme accuracy



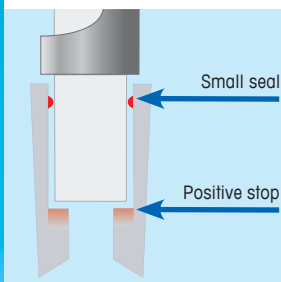
Total hand comfort

Whether it's actively in use or resting in your hand, a pipette must fit and feel right at all times. Through subtle improvements to the highly acclaimed Pipet-Lite's grip, body, finger-hook and surface texture, we've made Pipet-Lite XLS the most balanced and comfortable pipette on the market.



Lower spring forces

Lighter springs and low drag seals, along with RAININ's patented Magnetic Assist™ technology enabled us to create a plunger that is smooth and precise, yet requires less force than ever.



Less thumb stress

Models with the patented LTS™ (Lite-Touch System) dramatically reduce the stress of tip ejection. Cylindrical-shaft pipettes, and matching LTS tips with a small sealing area and a positive stop, let you know exactly when the seal is made – no need to pound the shaft into the tip!



Calibration tracking

Embedded RFID (radio-frequency identification) tags in every Pipet-Lite XLS provide asset calibration and management for your pipette inventory and maintenance schedules. Note: Requires LabX™ Direct Pipette-Scan™ software and RFID Reader.



Pipet-Lite™ XLS™ with RFID

The best in class just got better

The new Pipet-Lite XLS is the most ergonomic manual pipette on the market with proven accuracy and precision. Its comfortable handle, light springs and "Magnetic Assist" technology, ensure light and smooth 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

Standard equipment

- Ergonomic handle design with comfortable finger-hook
- Improved volume adjustment lock prevents drift
- Built-in shock absorber inside the tip ejector reduces thumb impact
- Autoclavable quick-release tip ejector on all models
- Available with LTS, and universal tip/shaft configuration for use with universal tips

Technical Data

Specifications

Model	Volume μl	Increment μl	Accuracy %	Accuracy μl (±)	Precision %	Precision 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-10XLS, 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-20XLS	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	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
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

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

Ordering Information

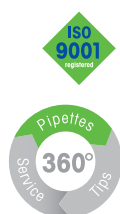
LTS Models	MT-Order-No.	Volume Range
L-2XLS		0.1–2 μl
L-10XLS		0.5–10 μl
L-20XLS		2–20 μl
L-100XLS		10–100 μl
L-200XLS		20–200 μl
L-300XLS		20–300 μl
L-1000XLS		100–1000 μl
L-2000XLS		200–2000 μl
L-5000XLS		500–5000 μl
L-10MLXLS		1000 μl– 10 ml
L-20MLXLS		2000 μl– 20 ml
L-STARTXLS		Starter Kits*

LTS Models	MT-Order-No.	Volume Range
SL-2XLS		0.1–2 μl
SL-10XLS		0.5–10 μl
SL-20XLS		2–20 μl
SL-100XLS		10–100 μl
SL-200XLS		20–200 μl
SL-300XLS		20–300 μl
SL-1000XLS		100–1000 μl
SL-2000XLS		200–2000 μl
SL-5000XLS		500–5000 μl
SL-10MLXLS		1000 μl– 10 ml
SL-STARTXLS		Starter Kits*

*Starter kits include 20, 200, 1000 μL models, tips, & accessories

Accessories

Cat.-No.	MT-Order-No.	Description
RFID-KIT		RFID Kit incl. RFID Reader and LabX Direct Pipette-Scan software
RFID-RDR		Rainin RFID Reader
LabX-Pipet		LabX Direct Pipette-Scan Software



Quality certificate ISO 9001
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PB-214 Rev A
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