

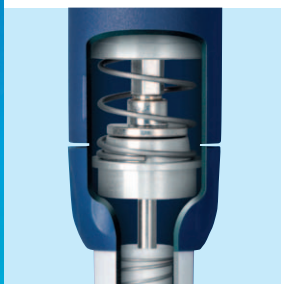
Performance Champion

Low Forces – Extreme Accuracy



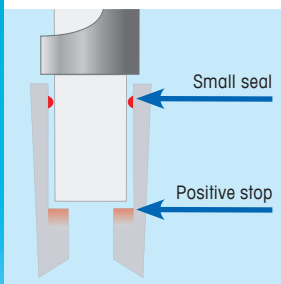
Total hand comfort

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 fingerhook
- 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



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		%	Accuracy		Precision
	μ l	Increment μ l		μ l (\pm)	%	
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	1ml	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

Ordering Information

LTS Models	Part No.	Volume Range
L-2XLS	17011784	0.1–2 μ l
L-10XLS	17011780	0.5–10 μ l
L-20XLS	17011785	2–20 μ l
L-100XLS	17011781	10–100 μ l
L-200XLS	17011786	20–200 μ l
L-300XLS	17011789	20–300 μ l
L-1000XLS	17011782	100–1000 μ l
L-2000XLS	17011787	200–2000 μ l
L-5000XLS	17011790	500–5000 μ l
L-10MLXLS	17011783	1000 μ l– 10 ml
L-20MLXLS	17011788	2000 μ l– 20 ml
L-STARTXLS	17011791	Starter Kits*

*Include 20, 200, 1000 μ l models, tips, & accessories

Universal-fit Models	Part No.	Volume Range
SL-2XLS	17011796	0.1–2 μ l
SL-10XLS	17011792	0.5–10 μ l
SL-20XLS	17011797	2–20 μ l
SL-100XLS	17011793	10–100 μ l
SL-200XLS	17011798	20–200 μ l
SL-300XLS	17011800	20–300 μ l
SL-1000XLS	17011794	100–1000 μ l
SL-2000XLS	17011799	200–2000 μ l
SL-5000XLS	17011801	500–5000 μ l
SL-10MLXLS	17011795	1000 μ l– 10 ml
n/a	n/a	2000 μ l– 20 ml
SL-STARTXLS	17011802	Starter Kits*

*Include 20, 200, 1000 μ l models, tips, & accessories



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