

Pipet-Lite XLS+ Single Channels

Performance You Can Trust



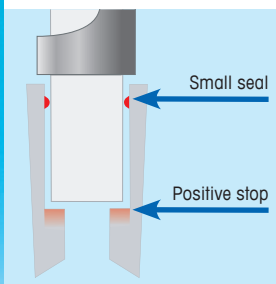
Total hand comfort

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

| MT-Order No. LTS | Cat. No. LTS | MT-Order No. Traditional | Cat. No. Traditional | 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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