

A New Twist in Multichannel Pipetting

Quickly Move Samples Between Formats



Fast spacing change

Set the nozzle spacing between 9 and 14 mm (8 channel) or 9 and 19 mm (6 channel) to quickly move samples between different plate and tubing formats. The adjustable spacer is ideally suited for routine micro-well work when you need to change formats quickly.



Repeatable nozzle spacing

Set the limiter dial, then move quickly between formats by twisting the spacing knob to the maximum setting. A detent on the limiter dial sets the maximum nozzle spacing, so users can move back and forth between formats with speed, precision and consistency.



Faster workflow

Pipet-Lite XLS Adjustable Spacer pipette features the proven LTS™ LiteTouch System nozzles for faster tip loading and absolutely consistent sample loading. The liquid end rotates 360°, so you can quickly align with the mother or daughter plate, with comfortable left or right-hand operation.



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™ Adjustable Spacer Speeds work flow

Rainin's Pipet-Lite XLS Adjustable Spacer puts a new twist on pipetting: a 6- or 8-channel pipette with adjustable nozzles to quickly transfer liquids from one format to another. Its speed, ease and accuracy make it ideal for Genomic, Proteomic, Tissue Culture and Cell Culture applications. For example, aspirate samples from micro-centrifuge tubes, turn the spacing knob, and dispense into a 24, 48, or 96-well plate. And like all Pipet-Lite XLS models, its embedded RFID tag enables advanced calibration tracking.

Pipet-Lite™ XLS™ Adjustable Spacer

Different Formats? No problem.

Advanced Functionality

- Fits most standard format plates and tube arrays
- Precise nozzle spacing adjustment mechanism for reproducible tip spacing from experiment to experiment
- Spacing ranges: 6-channel: 9–19 mm and 8-channel: 9–14 mm
- Improved volume adjustment lock prevents drift
- Available in: 6-channel: 300 and 1200 µl volumes 8-channel: 50, 300 and 1200 µl volumes
- Suitable for use with 24, 48, 96-well plates, microcentrifuge tubes
- For use with LTS tips
- Pipette's RFID tags can be queried for asset management

LTS® LifeTouch™ Tip Ejection System

The solution for common multichannel problems

- Consistent sample loading
- No nozzle o-rings
- Lower forces – no more tired hands

Technical Data

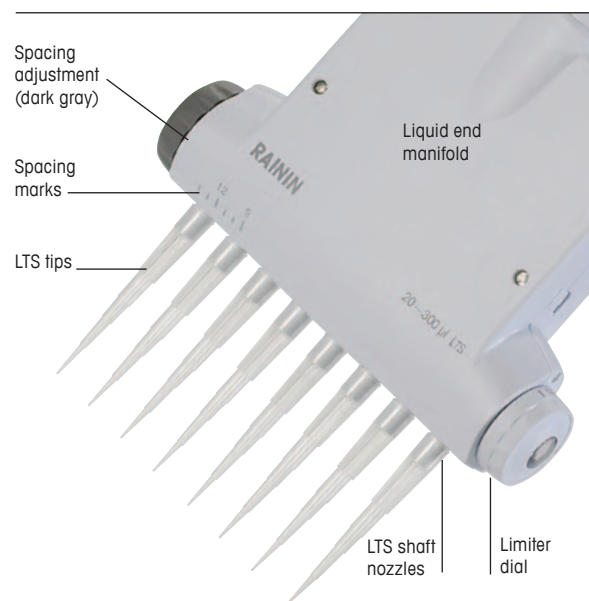
Specifications

Model	Volume µl	Increment µl (Manual)	Accuracy		Precision	
			%	µl (±)	%	µl (≤)
LA8-50XLS	5	0.05	3.5	0.18	1.5	0.075
	25		1.2	0.3	0.4	0.1
	50		0.8	0.4	0.2	0.1
LA6-300XLS,	30	0.5	2.5	0.75	1.0	0.3
LA8-300XLS	150		0.8	1.2	0.25	0.375
	300		0.8	2.4	0.15	0.45
LA6-1200XLS,	100	2.0	3.6	3.6	0.60	0.60
LA8-1200XLS	600		0.8	4.8	0.20	1.20
	1200		0.8	9.6	0.15	1.80

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



Ordering Information

Cat. No.	Part No.	Volume Range
6-Channel		
LA6-300XLS	17011841	20–300 µl
LA6-1200XLS	17011840	100–1200 µl
8-Channel		
LA8-50XLS	17011844	5–50 µl
LA8-300XLS	17011843	20–300 µl
LA8-1200XLS	17011842	100–1200 µl

Accessories

Cat. No.	Part No.	Description
RFID-KIT	17011966	Rainin RFID Kit includes RFID Reader and LabX Direct Pipette-Scan software
RFID-RDR	17011964	Rainin RFID Reader
LabX-Pipet	17011965	LabX Direct Pipette-Scan Software

www.mt.com/rainin

For more information



Quality certificate ISO9001
Environment certificate ISO14001

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