

# 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.



### 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.

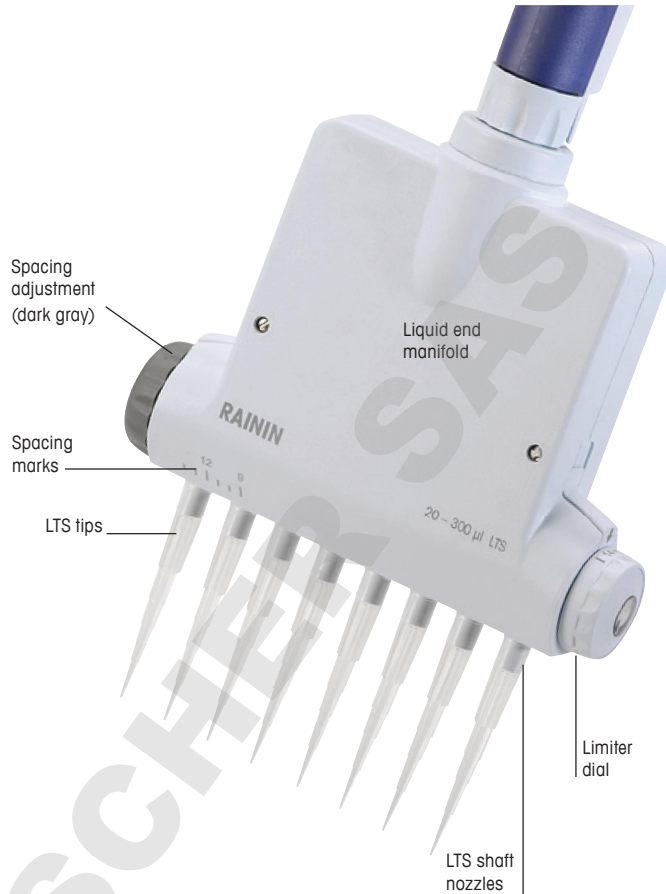
## Advanced Functionality

- 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™ LiteTouch™ 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)	Tip Spacing (mm)	Accuracy		Precision	
				%	µL (±)	%	µL (±)
LA8-50XLS	5	0.05	9-14	3.5	0.18	2	0.1
	25			1.2	0.3	0.5	0.125
	50			0.8	0.4	0.4	0.2
LA6-300XLS, LA8-300XLS	30	0.5	9-19	2.5	0.75	1.5	0.45
	150		9-14	0.8	1.2	0.3	0.45
	300		0.8	2.4	0.25	0.75	
LA6-1200XLS, LA8-1200XLS	100	2	9-19	3.6	3.6	1	1
	600		9-14	0.8	4.8	0.3	1.8
	1200		0.8	9.6	0.2	2.4	

Model	Volume	Tip Spacing	Transferable Format
8 Channel	5 – 50 µL	9 – 14 mm	Microfuge tube ↔ 96-well plate
	20 – 300 µL		Microfuge tube ↔ 48-well plate
	100 – 100 µL		48-well plate ↔ 96-well plate
6 Channel	20 – 300 µL	9 – 19 mm	15mL-tube ↔ Microfuge tube
			15mL-tube ↔ 24-well plate
			15mL-tube ↔ 48-well plate
	100 – 1000 µL		15mL-tube ↔ 96-well plate
			Microfuge tube ↔ 24-well plate
			Microfuge tube ↔ 48-well plate
	Microfuge tube ↔ 96-well plate		
	24-well plate ↔ 48-well plate		
	24-well plate ↔ 96-well plate		
48-well plate ↔ 96-well plate			

### Ordering Information

MT-Order No.	Description	Volume Range
<b>6-Channel</b>		
17011841	LA6-300XLS	20–300 µL
17011840	LA6-1200XLS	100–1200 µL
<b>8-Channel</b>		
17011844	LA8-50XLS	5–50 µL
17011843	LA8-300XLS	20–300 µL
17011842	LA8-1200XLS	100–1200 µL



Mettler-Toledo Rainin, LLC

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