

# Multichannel Pipettes

## Consistently Precise Routine 96-well plate work



### Consistent on all channels

Pipet-Lite multichannel pipettes feature the proven LTS™ nozzles for faster tip mounting and absolutely consistent sample loading across all channels. LTS cylindrical tips create a perfect seal on each channel with minimum force, so they load and eject easily.



### No nozzle o-rings with LTS

LTS tips create a reliable leak-free seal without the use of o-rings, eliminating risk of breakage and sample contamination. This results in a reduction of downtime as well as cost of maintenance.



### Ergonomic Design

The light-weight, ergonomically shaped pipette with comfortable finger-hook allows optimal handling even during prolonged pipetting series. The built-in silicone shock absorber reduces thumb impact during tip ejection. The liquid end rotates 360°, so you can quickly align with the mother or daughter plate, with comfortable left or right-hand operation.



### Fastest tip loading

Multichannel pipettes with LTS load tips in as little as two seconds. There is no rocking or hand-tightening required, leading to a significant increase in productivity and reliability.



### Pipet-Lite™ Manual Multichannel

The ergonomic handle design and Rainin's unique LTS LiteTouch Tip System make Pipet-Lite the most hand-friendly and manual multichannel pipette on the market. Fast and reliable tip loading – no hand-tightening needed – that results in a consistent sample pickup across all channels, every time. In addition, LTS and the built-in silicone shock absorber in the tip ejector mechanism provide extra protection to the thumb when ejecting tips. The robust construction delivers years of reliable service with consistent results, reducing cost of ownership – and reducing out of tolerance failures.

METTLER TOLEDO

## Technical data

### Pipet-Lite Multichannel Pipette with LTS

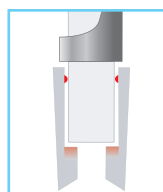
Solves common multichannel problems

#### Advanced Functionality

- Consistent sample loading across all channels
- Easy tip mounting and ejection
- Reliable leak-free seal - every time
- Ergonomic handle design with fingerhook
- Digital volume adjustment
- Lock prevents volume changing
- Built-in shock absorber on tip ejector reduces thumb impact and stress when ejecting tips
- Available in 8, 12, 16 (2x8), and 24 (2x12) channel formats

### LTS™ LifeTouch™ Tip Ejection System

The solution for common multichannel problems



- Consistent sample loading
- No nozzle o-rings
- Lower forces than other multichannel pipettes

#### Ordering Information

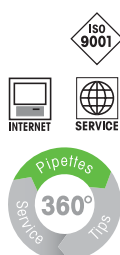
Cat. No.	Volume Range
<b>8-Channel</b>	
L8-10	1–10 µl
L8-20	2–20 µl
L8-50	5–50 µl
L8-200	20–200 µl
L8-300	20–300 µl
L8-1200	100–1200 µl
<b>12-Channel</b>	
L12-10	1–10 µl
L12-20	2–20 µl
L12-50	5–50 µl
L12-200	20–200 µl
L12-300	20–300 µl
L12-1200	100–1200 µl
<b>16-Channel (2x8)</b>	
L2X8-20	2–20 µl
L2X8-100	10–100 µl
<b>24-Channel (2x12)</b>	
L24-20	2–20 µl
L24-100	10–100 µl

#### Specifications

##### Pipet-Lite Manual Multichannel Pipette

Model	Set Volume	Increment	Accuracy		Precision	
	µl	µl (man)	%	µl (±)	%	µl (≤)
10 µl	1	0.02	2.5	0.025	1.2	0.012
	5		1.5	0.075	0.6	0.03
	10		1.0	0.1	0.4	0.04
20 µl	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
50 µl	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
200 µl	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
300 µl	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
1200 µl	100	2	3.6	3.6	0.6	0.6
	600		0.8	4.8	0.2	1.2
	1200		0.8	9.6	0.15	1.8

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