

## E4 XLS+ Multichannels

### Precision Across All Channels



#### Easy operation

The E4 XLS+ works the way you think. Its color graphics, large screen and precision joystick have revolutionized electronic pipetting. The simple interface makes adjusting settings quick and easy.



#### Channel consistency

The LTS™ cylindrical tip design assures fast tip mounting, consistent sample loading and leak-free seals across all channels. In addition to LTS, the new push bar design in all XLS+ multichannel pipettes assures exceptionally even and consistent aspiration across all channels.



#### Simplify repetitive pipetting

Multi-dispense takes the drudgery out of repetitive pipetting by calculating how many aliquots can be dispensed from a single pickup. Autopace simplifies repeat dispensing – click the joystick once and repeat dispense across a plate.



#### Save your protocols

Store multiple custom protocols in the E4's on-board memory. Simultaneously review and select your protocols with a simple movement of the joystick. No more re-entering protocols over and over again!



### E4 XLS+ Electronic Multichannels

#### Speed Your Workflow

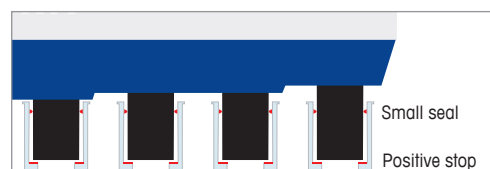
The E4™ XLS+™ multichannel pipette is a perfect tool for high-throughput work. Fast loading, lightweight, easy to handle and precision and consistency across all channels. Pipette settings, protocols and service alarms can be password protected for GLP/GMP compliance. What's more, GLP data, such as service records, cycles and status data is completely tamper proof.

# E4 XLS+ Electronic Multichannel Pipette

## Precise, High-throughput Pipetting



- Standard modes include Basic pipetting, Multi-dispense and Mix
- Advanced modes include sequential volume programming for complex protocols, titration, dilution and reverse mode pipetting
- Control of aspirate, dispense and mix speeds for challenging liquids
- Optional blowout and automatic dispense settings for precision pipetting
- Password protect pipette settings for GLP security
- Save your favorite protocols
- Simple or complex: configure the E4 for any task
- FPLC in your tip: on board PureSpeed™ sample preparation protocol
- Multilingual display and on-screen Help
- Easily accessible service records and alarms
- Optional SmartStand charges four pipettes and provides advanced asset management capabilities



### LTS™ LiteTouch™ Tip Ejection System

- Small seal and positive stop means consistent sample loading – across all channels, every time!
- No nozzle o-rings
- Lower forces – less fatigue
- Progressive tip ejector

## Technical Data

### Specifications

Model	Volume (µL)	Increment (µL)	Accuracy		Precision	
			%	µL (±)	%	µL (≤)
10 µL	1.0	0.01	4	0.04	3	0.03
	5.0		1.5	0.075	0.8	0.04
	10.0		1	0.1	0.5	0.05
20 µL	2	0.02	7.5	0.15	3	0.06
	10		1.5	0.15	1	0.1
	20		1	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	0.3	0.15
200 µL	20	0.2	2.5	0.5	1	0.2
	100		0.8	0.8	0.25	0.25
	200		0.8	1.6	0.2	0.4
300 µL	30	0.2	2.5	0.75	1	0.3
	150		0.8	1.2	0.25	0.375
	300		0.8	2.4	0.2	0.6
1200 µL	100	1	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

### Ordering Information

MT-Order No.	Description	Volume Range
<b>8-Channel</b>		
17013792	E8-10XLS+	0.5–10 µL
17013793	E8-20XLS+	2–20 µL
17013794	E8-50XLS+	5–50 µL
17013795	E8-200XLS+	20–200 µL
17013796	E8-300XLS+	20–300 µL
17014498	E8-1200XLS+	100–1200 µL
<b>12-Channel</b>		
17013797	E12-10XLS+	0.5–10 µL
17013798	E12-20XLS+	2–20 µL
17013799	E12-50XLS+	5–50 µL
17013800	E12-200XLS+	20–200 µL
17013801	E12-300XLS+	20–300 µL
17014499	E12-1200XLS+	100–1200 µL

Note: Li-Ion battery and Wall Power Supply included.



Mettler-Toledo Rainin, LLC

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