

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

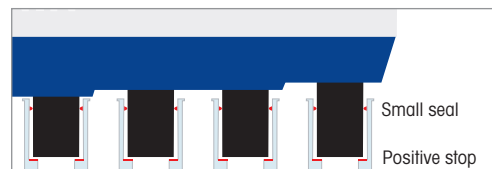
Speed Your Workflow

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
- Multilingual display and on-screen Help
- Easily accessible service records and alarms



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	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	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

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Ordering Information

MT-Order No.	Description	Volume Range
8-Channel		
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
12-Channel		
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 Group

Laboratory Division
Local contact: www.mt.com/contacts

Subject to technical changes
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