

Accelerate Your Workflow

Precision Across All Channels



Fast navigation

A model of simplicity, the E4 XLS menu structure, joystick control and large color screen make switching between modes and setting functions quick and easy. Discover and master advanced pipetting techniques in minutes.



Consistent on all channels

The LTS cylindrical tip design assures fast tip mounting, consistent sample loading and leak-free seals across all channels. And with no nozzle o-rings, LTS™ eliminates a common cause of sample contamination and volume inconsistency.



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.



Lightweight

The ergonomic design of Rainin's lightweight multichannel E4 XLS+ delivers extraordinary comfort and performance, even after hours of pipetting. The feel is balanced and substantial with a fit and finish that is truly world class.



E4 XLS+ Electronic Multichannels

Speed Your Workflow

For high-throughput work, nothing compares with the E4™ XLS™+ Multichannel. Fast loading, lightweight, easy to handle and precision and consistency across all channels. Increase your productivity and speed your workflow with this fully featured and easy-to-use electronic pipette.

E4 XLS+ Electronic Multichannel Pipette

Precise, High-throughput Pipetting



- LTS™ tips mean consistent sample loading across all channels and low tip ejection forces
- Large 16-bit color graphic display and joystick control speed access to modes and options
- Standard functions include Basic pipetting, Multi-dispense and Mix
- True Manual™ mode for continuous realtime control of pipetting speed
- Advanced functions 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 dispensing settings for precision pipetting protocols
- Multilingual display and on-screen Help
- Easily accessible service records and alarms
- RFID enabled for advanced asset management
- Optional Rapid Charge Stand charges three pipettes in one hour



LTS™ LifeTouch™ 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	2,5	0,025	1,2	0,012
	5,0		1,5	0,075	0,6	0,03
	10,0		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	0,2	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	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

*1200 µL models do not appear the same as these photos.

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Ordering Information

Cat. No.	MT-Order No.	Volume Range
8-Channel		
E8-10XLS+	17013792	1–10 µL
E8-20XLS+	17013793	2–20 µL
E8-50XLS+	17013794	5–50 µL
E8-200XLS+	17013795	20–200 µL
E8-300XLS+	17013796	20–300 µL
E8-1200XLS*	17012326	100–1200 µL
12-Channel		
E12-10XLS+	17013797	1–10 µL
E12-20XLS+	17013798	2–20 µL
E12-50XLS+	17013799	5–50 µL
E12-200XLS+	17013800	20–200 µL
E12-300XLS+	17013801	20–300 µL
E12-1200XLS*	17012320	100–1200 µL

Accessories

Cat. No.	MT-Order No.	Description
E4-RCS	17012332	Rapid Charge Stand
RFID-KIT	17011966	RFID Kit including Rainin RFID Reader and LabX Direct Pipette-Scan Software
RFID-RDR	17011964	Rainin RFID Reader
LABX-PIPET	17011965	LabX Direct Pipette-Scan Software

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



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Subject to technical changes

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