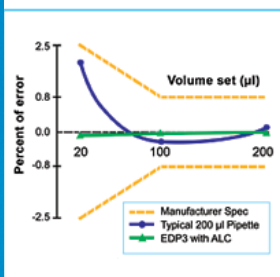


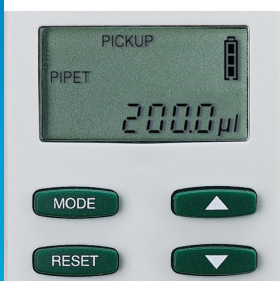
Gain from linear pipetting

Accurate through the entire volume range



Linearity correction

Using a patented correction factor at every volume setting, EDP3 exhibits a truly linear response. The automatic linearity correction assures accurate dispensing at every volume setting as EDP3 automatically compensates for errors associated with the physics of moving liquids.



Simple interface

The large LCD display shows clearly what you are doing, and only four keys let you control EDP3. Volumes are easily set with up/down arrow keys. Choose between several modes and options from simple pipetting to complex dilutions.



Simple one-hand operation

EDP3 is easy to use with either hand, even with gloves. The intuitive software allows simple operation without a complicated user manual. Plunger forces are completely eliminated, reducing repetitive strain injuries. In models with LTS™, the total pipetting forces are 95% less than in manual pipettes.



1000 volume increments

The unique stepper motor in EDP3 allows you to set 1000 increments from zero to full-scale; on a 200 µl pipette that's an increment of 0.2 µl!



EDP™3 Electronic Pipette

Advanced microprocessor-controlled technology avoids pipetting errors and ensures highest precision. EDP3 makes piston movements operator independent, providing consistent accuracy, user-to-user, sample-to-sample. The linear actuator moves the piston the correct distance, at the correct speed, totally independent of user variation. EDP3 pipettes self-calibrate by resetting the zero piston position at the end of each dispensing sequence. Self-calibration prevents measurement errors.

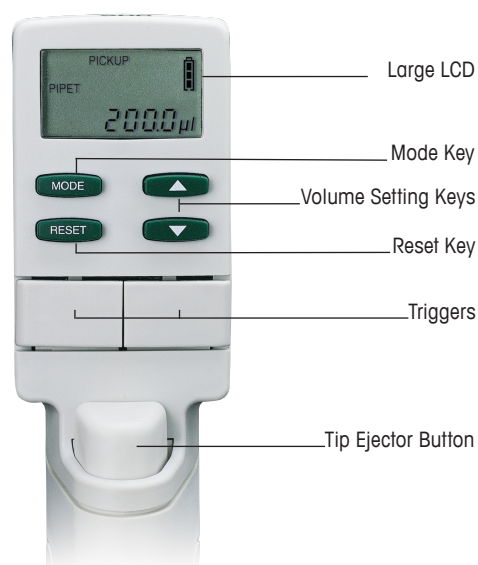
Technical data

EDP3 Electronic Pipette

Electronic pipette with automatic linearity correction

Advanced Functionality

- Pipet Mode: Transfers individual liquid samples.
- MultiDispense Mode: Transfers equal, multiple aliquots from a single volume.
- Titrate Mode: Partially dispenses to desired endpoint.
- Dilute Mode: Picks up diluent-air-sample, then dispenses them (diluent-air-sample) together.
- Manual Mode: Measures unknown volumes; manual operation.
- GLP-Service Reminder: Operator log (cycles, date, technician ID).
- Speed Option: 10 settings optimize operation for different fluids.
- Mix Option: Repeated movement of liquid in and out of the tip.
- Volume Sequence: Picks up and dispenses up to 16 volumes.
- Cycle Counter: Displays number of samples dispensed up to 999.
- Available with LTS LiteTouch Tip Ejection System (E3-) for use with RAININ LTS tips, and with traditional conical tip/shaft configuration (SE3-) for use with traditional tips.



Ordering Information

Cat. No.		Volume Range
LTS Models	Traditional Models	
E3-10	SE3-10	0.5–10 µL
E3-20	SE3-20	2–20 µL
E3-100	SE3-100	10–100 µL
E3-200	SE3-200	20–200 µL
E3-300	SE3-300	20–300 µL
E3-1000	SE3-1000	100–1000 µL
E3-2000	SE3-2000	200–2000 µL
E3-5000	SE3-5000	500–5000 µL
E3-10ML	SE3-10ML	1000 µL– 10 mL
E3-20ML	n/a	2000 µL– 20 mL

Note: Either a Rapid Charge Stand or a Wall Power Supply MUST be purchased to charge EDP3 battery.

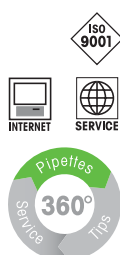
Accessories

Cat. No.	Description
E3-WPS	Wall Power Supply
E3-RCS	Rapid Charge Stand

Specifications

Model	Volume µL	Increment µL	Accuracy		Precision	
			%	µL (±)	%	µL (≤)
E3-10, SE3-10	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
E3-20, SE3-20	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
E3-100, SE3-100	10	0.1	3.5	0.35	1.0	0.1
	50		0.8	0.4	0.24	0.12
	100		0.8	0.8	0.15	0.15
E3-200, SE3-200	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
E3-300, SE3-300	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
E3-1000, SE3-1000	100	1	3.0	3.0	0.6	0.6
	500		0.8	4.0	0.2	1.0
	1000		0.8	8.0	0.15	1.5
E3-2000, SE3-2000	200	2	3.0	6.0	0.6	1.2
	1000		0.8	8.0	0.2	2.0
	2000		0.8	16.0	0.12	2.4
E3-5000, SE3-5000	500	5	2.4	12.0	0.6	3.0
	2500		0.6	15.0	0.2	5.0
	5000		0.6	30.0	0.16	8.0
E3-10ML, SE3-10ML	1ml	10	5	50.0	0.6	6.0
	5 ml		1	50.0	0.2	10.0
	10 ml		0.6	60.0	0.16	16.0
E3-20ML	2 ml	20	5.0	100.0	0.6	12.0
	10 ml		1.0	100.0	0.2	20.0
	20 ml		0.6	120.0	0.16	32.0

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Worldwide service

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