

Excel™ Electronic Pipettes

The Excel is a multifunctional pipette that is fully motorized, eliminating hand strain and allowing efficient multi-dispensing. A high precision stepping motor controls piston action, resulting in exceptional accuracy and precision and minimal pipetting forces. Accuracy is further enhanced by a state-of-the-art microprocessor which controls the action of the stepping motor. The calibration of the unit is checked each time an operation is performed.

The Excel features an adjustable tip ejector along with a universal tip shaft designed for compatibility with a wide variety of manufacturers' tips. The lower portion of the pipette is easily removed for autoclaving.

Each pipette is individually tested and supplied with a certificate of quality. Also included is a shelf clip, Lithium-ion battery and battery charger.



SPECIFICATIONS

Volume Range	Tip	Increments	Accuracy	Precision
0.5-10 µl	10 µl	0.1 µl	±4.0 to ±1.0%	≤2.5 to ≤0.4%
2-20 µl	10 µl*	0.1 µl	±4.0 to ±1.0%	≤2.0 to ≤0.4%
10-200 µl	200 µl	1.0 µl	±2.0 to ±0.6%	≤1.0 to ≤0.15%
100-1,200 µl	1,000/1,200 µl	1.0 µl	±1.5 to ±0.5%	≤0.6 to ≤0.15%

*Most manufacturers' 10 µl tips will accurately accommodate 20 µl.

CAT NO.	DESCRIPTION
P3600L-10*	Excel Electronic Pipette, 0.5-10 µl, single channel, with charger, 120V
P3600L-20*	Excel Electronic Pipette, 2-20 µl, single channel, with charger, 120V
P3600L-200*	Excel Electronic Pipette, 10-200 µl, single channel, with charger, 120V
P3600L-1200*	Excel Electronic Pipette, 100-1,200 µl, single channel, with charger, 120V
P3600L-BAT-1	Extra Lithium-ion battery, for all voltages
P3628L	Shelf clip for Excel Electronic Pipette, holds 1
P3630L	Acrylic stand for Excel Electronic Pipette, holds 3
P3935L	Carousel stand for Excel Electronic Pipette, holds 6

*To order 230V units add -230V to the end of the catalog number. Specify cord type by adding -EU, -UK or -AU.

Excel™ Multichannel Electronic Pipettes

Available in both eight and twelve channels, the Excel multichannel electronic pipettes are ideal for efficiently working in a 96 well format. Both models are available in four overlapping volume ranges, from 0.5 µl to 1,200 µl. A high precision stepping motor controls piston action resulting in exceptional accuracy and precision and minimal pipetting forces. Unusually light for an electronic pipette, the Excel fits comfortably in either the right or left hand.

Angled away from the user, the large LCD and simple interface allows users to easily toggle between the six pipetting modes. By selecting the “MD” mode for multi-dispensing the user can quickly fill an entire 96 well plate without having to refill the tips.

Each pipette is self calibrating. The lower portion is easily removed for autoclaving. Complete with shelf clip, Lithium-ion battery and battery charger, the pipette comes ready for use.



SPECIFICATIONS

Volume Range	Tip	Increments	Accuracy	Precision
0.5-10 µl	10 µl	0.1 µl	±4.0 to ±1.5%	≤2.5 to ≤0.5%
2-20 µl	10 µl*	0.1 µl	±5.0 to ±1.0%	≤2.0 to ≤0.5%
10-200 µl	200 µl	1.0 µl	±3.0 to ±0.6%	≤1.0 to ≤0.15%
100-1,200 µl	1,000/1,200 µl	1.0 µl	±3.0 to ±0.5%	≤0.8 to ≤0.20%

*Most manufacturers' 10 µl tips will accurately accommodate 20 µl.

CAT NO.	DESCRIPTION
P3608L-10*	Excel Electronic Pipette, 0.5-10 µl, 8 channel, with charger, 120V
P3608L-20*	Excel Electronic Pipette, 2-20 µl, 8 channel, with charger, 120V
P3608L-200*	Excel Electronic Pipette, 10-200 µl, 8 channel, with charger, 120V
P3608L-1200*	Excel Electronic Pipette, 100-1,200 µl, 8 channel, with charger, 120V
P3612L-10*	Excel Electronic Pipette, 0.5-10 µl, 12 channel, with charger, 120V
P3612L-20*	Excel Electronic Pipette, 2-20 µl, 12 channel, with charger, 120V
P3612L-200*	Excel Electronic Pipette, 10-200 µl, 12 channel, with charger, 120V
P3612L-1200*	Excel Electronic Pipette, 100-1,200 µl, 12 channel, with charger, 120V
P3600L-BAT-1	Extra Lithium-ion battery, for all voltages
P3628L	Shelf clip for Excel Electronic Pipette, holds 1
P3630L	Acrylic stand for Excel Electronic Pipette, holds 3
P3935L	Carousel stand for Excel Electronic Pipette, holds 6

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