







*Three position stand*



*Charger set*

### **Multifunctional**

Multiple operating modes allow the *Labnet Excel Electronic Pipettes* to perform a variety of functions in addition to standard pipetting. Using the keypad and graphical interface, each of the modes is easily accessed and parameters entered. In the “AUTO” mode, the volumes to be aspirated and dispensed for standard and reverse pipetting are selected. “MD” mode is selected for multiple dispensing operations. Samples can be aspirated and dispensed repeatedly in the “MIX” mode. “AUTO/MIX” makes serial dilutions quick and easy. Sequential dispensing (“SD”) allows for a large volume to be drawn up and smaller aliquots of different volumes to be dispensed. With sequential aspiration (“SA”) a number of samples can be drawn up with air spaces in between to prevent mixing and then dispensed all at once.

### **Single or Multichannel**

*Labnet Excel Electronic Pipettes* are available in four overlapping volume ranges from 0.5 µl to 1200 µl. Each range is provided in single, eight and twelve channel versions. The single channel models have a reduced diameter shaft for reaching into narrow tubes. The manifolds of the multichannel models rotate for comfortable pipetting in any direction.

For sterility, the lower portion of the pipettes is easily removed for autoclaving. Durable seals in both the single and multichannel pipettors provide leakproof performance. Tip cones are made from PVDF for added durability and chemical resistance and the tip ejectors are adjustable to accommodate a variety of tip types.

### **Rechargeable Power**

A small, rechargeable, Lithium-ion battery powers the *Labnet Excel Electronic Pipettes*. A graphic on the display indicates the charge status of the battery. When recharging is required, the unit is simply connected to the supplied charging adapter and plugged into an electrical outlet. A complete charge is achieved in 8 hours. To ensure a fresh battery is always available, a stand-alone charger and extra batteries are available.

## Specifications

Volume Range	Channels	Increments	Accuracy (%)	Precision (%)
0.5 - 10 µl	1	0.1 µl	±4.0 to ±1.0	≤2.5 to ≤0.4
2 - 20 µl	1	0.1 µl	±4.0 to ±1.0	≤2.5 to ≤0.4
10 - 200 µl	1	1.0 µl	±2.5 to ±0.6	≤1.0 to ≤0.15
100 - 1200 µl	1	1.0 µl	±2.5 to ±0.5	≤0.6 to ≤0.15
0.5 - 10 µl	8	0.1 µl	±4.0 to ±1.5	≤2.5 to ≤0.5
2 - 20 µl	8	0.1 µl	±4.0 to ±1.0	≤2.5 to ≤0.5
10 - 200 µl	8	1.0 µl	±3.0 to ±0.6	≤1.0 to ≤0.15
100 - 1200 µl	8	1.0 µl	±3.0 to ±0.5	≤0.8 to ≤0.2
0.5 - 10 µl	12	0.1 µl	±4.0 to ±1.5	≤2.5 to ≤0.5
2 - 20 µl	12	0.1 µl	±4.0 to ±1.0	≤2.5 to ≤0.5
10 - 200 µl	12	1.0 µl	±3.0 to ±0.6	≤1.0 to ≤0.15
100 - 1200 µl	12	1.0 µl	±3.0 to ±0.5	≤0.8 to ≤0.2

## Ordering Information

Description	Cat. No.
<b>Single channel</b>	
<i>Labnet Excel Electronic Pipette, 0.5 - 10 µl, single channel, with charger, 120V*</i>	P3600L-10
<i>Labnet Excel Electronic Pipette, 2 - 20 µl, single channel, with charger, 120V*</i>	P3600L-20
<i>Labnet Excel Electronic Pipette, 10 - 200 µl, single channel, with charger, 120V*</i>	P3600L-200
<i>Labnet Excel Electronic Pipette, 100 - 1200 µl, single channel, with charger, 120V*</i>	P3600L-1200
<b>8 Channel</b>	
<i>Labnet Excel Electronic Pipette, 0.5 - 10 µl, eight channel, with charger, 120V*</i>	P3608L-10
<i>Labnet Excel Electronic Pipette, 2 - 20 µl, eight channel, with charger, 120V*</i>	P3608L-20
<i>Labnet Excel Electronic Pipette, 10 - 200 µl, eight channel, with charger, 120V*</i>	P3608L-200
<i>Labnet Excel Electronic Pipette 100 - 1200 µl, eight channel, with charger, 120V*</i>	P3608L-1200
<b>12 Channel</b>	
<i>Labnet Excel Electronic Pipette, 0.5 - 10 µl, twelve channel, with charger, 120V*</i>	P3612L-10
<i>Labnet Excel Electronic Pipette, 2 - 20 µl, twelve channel, with charger, 120V*</i>	P3612L-20
<i>Labnet Excel Electronic Pipette, 10 - 200 µl, twelve channel, with charger, 120V*</i>	P3612L-200
<i>Labnet Excel Electronic Pipette, 100 - 1200 µl, twelve channel, with charger, 120V*</i>	P3612L-1200
<b>Accessories</b>	
Extra Lithium-ion battery, for all voltages	P3600L-BAT
Optional charger set w/charger, charging adapter,extra battery, 120V	P3617L-CS
Optional charger set w/charger, charging adapter,extra battery, 230V, European plug	P3615L-CS
Optional charger set w/charger, charging adapter,extra battery, 230V, UK plug	P3616L-CS
Optional charger set w/charger, charging adapter,extra battery, 230V, Australian plug	P3618L-CS
Shelf clip for <i>Labnet Excel Electronic Pipette</i> , holds 1	P3628L
Acrylic stand for <i>Labnet Excel Electronic Pipette</i> holds 3	P3630L
Carousel stand for <i>Labnet Excel Electronic Pipette</i> , holds 6	P3935L
*All pipettes also available 230V. Add appropriate extension to catalog number to ensure proper plug type: -EU for Europe, -UK for the United Kingdom or -AU for Australia.	