

# EliPette Pro

## Multi-functional 8-channel Electronic Pipette

Lab1st multi-functional high performance 8-channel electronic pipette offers productive pipetting with its easy to understand operations. Its uniquely lightweight streamlined design ensures an effortless transfer of multiple samples with an increased throughput and data reproducibility.



### Three easy steps to operate EliPette Pro

1

Long press the Parameter Knob for 2 seconds to Start

2

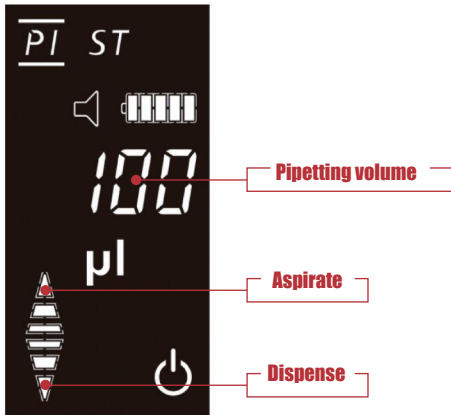
Rotate the knob back and forth quickly to Switch Pipetting, Continuous Dispensing, and other Function Settings

3

Quickly turn the Parameter Knob to unlock it, turn it to adjust the parameter such as volume, press it to pipette, long press it to mix

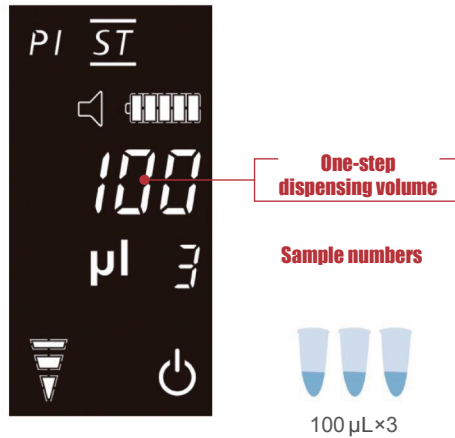
## Pipetting function

Parameter Knob press → Pipetting,  
Long press → Mixing



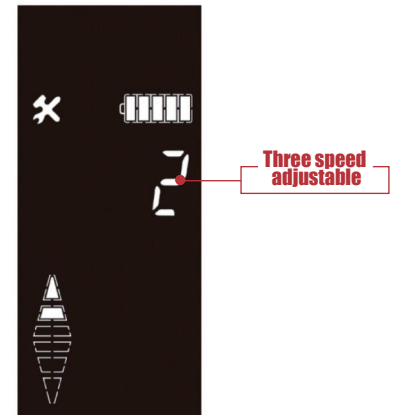
## Stepper function

Maximum steps = Pipette nominal volume /  
One step dispensing volume



## Other function

Pipetting speed adjustment  
Key tone ON/OFF



## Supports dual charging mode

### USB Charging



### Contact Charging



## Support automatic Calibration

Connect it to the computer, with the free software  
provided for calibration

Complimentary Pipette Holder

# Specifications

Channels	Volume Range	Increment	Test Volume	Systematic Error		Random Error	
	µL	µL	µL	µL	%	µL	%
8	0.5-10	0.01	10	±0.20	±2.00	±0.10	±1.00
			5	±0.20	±4.00	±0.10	±2.00
			1	±0.08	±8.00	±0.05	±5.00
8	10-100	0.1	100	±0.80	±0.80	±0.30	±0.30
			50	±0.50	±1.00	±0.40	±0.80
			10	±0.30	±3.00	±0.20	±2.00
8	15-300	1	300	±1.80	±0.60	±0.90	±0.30
			150	±1.50	±1.00	±0.75	±0.50
			15	±0.60	±4.00	±0.15	±1.00
8	30-300	1	300	±1.80	±0.60	±0.90	±0.30
			150	±1.50	±1.00	±0.75	±0.50
			30	±0.90	±3.00	±0.30	±1.00

\* Lab1st Specifications are used as guidelines and the user calibration should refer to the industrial standard ISO 8655.

# EliPette Pro

Multi functional Electronic Pipette

# EliPette

Simple Electronic Pipette

## Features

- Motor driven digitally control pipette with multifunctions
- Easy Operations and Handling
- Intuitive menu interface settings: functions and operations
- Minimal force for pipetting operation
- High performance ensuring accuracy & repeatability
- 2 buttons for all operational settings
- Adjustable speed for aspiration and dispensing
- Li-ion battery enable longer operation time
- Convenient and Versatile
- Self-calibration applicable



**EliPette Pro**  
For Pipetting,  
Mixing, Stepper  
and Dilution



**EliPette**  
For Pipetting  
and Mixing

## Specifications

Channels	Volume Range	Increment	Test Volume	Systematic Error		Random Error	
	$\mu\text{L}$	$\mu\text{L}$	$\mu\text{L}$	$\mu\text{L}$	%	$\mu\text{L}$	%
1	0.5-10	0.01	10	$\pm 0.10$	$\pm 1.00$	$\pm 0.05$	$\pm 0.50$
			5	$\pm 0.10$	$\pm 2.00$	$\pm 0.10$	$\pm 2.00$
			1	$\pm 0.05$	$\pm 5.00$	$\pm 0.03$	$\pm 3.00$
1	5-50	0.1	50	$\pm 0.40$	$\pm 0.80$	$\pm 0.15$	$\pm 0.30$
			25	$\pm 0.25$	$\pm 1.00$	$\pm 0.25$	$\pm 1.00$
			5	$\pm 0.20$	$\pm 4.00$	$\pm 0.125$	$\pm 2.50$
1	30-300	1	300	$\pm 1.80$	$\pm 0.60$	$\pm 0.60$	$\pm 0.20$
			100	$\pm 1.00$	$\pm 1.00$	$\pm 0.40$	$\pm 0.40$
			30	$\pm 1.20$	$\pm 4.00$	$\pm 0.21$	$\pm 0.70$
1	100-1000	5	1000	$\pm 6.00$	$\pm 0.60$	$\pm 2.00$	$\pm 0.20$
			500	$\pm 5.00$	$\pm 1.00$	$\pm 1.00$	$\pm 0.20$
			100	$\pm 3.00$	$\pm 3.00$	$\pm 0.60$	$\pm 0.60$

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Lab1st Liquid Handling range includes Pipettes (Electronic Pipettes & Mechanical Pipettes), Pipette Filler, Pipette Controller and Stepper.

### List of Lab1st models

Series	Image	Model	Application	Operation Method	Volume Range	Channel Option	Autoclavable
Mechanical Pipette		Lab1st Unique	Aqueous solution	Mechanical	0.1-10000µL	Single channel	YES
		Lab1st Precision Plus	Aqueous solution	Mechanical	0.1-5000 µL	Single Channel Adj. & Fixed;	YES
					0.5-300 µL	8 Channel Adj.; 12 Channel Adj.;	
	ComPette Pro	Aqueous solution	Mechanical	25-300 µL	Single Channel Fixed	NO	
Electronic Pipette		EliPette Pro	Aqueous solution	Electronic	0.5-1000 µL	Single Channel Adj.	YES (lower part)
					0.5-300 µL	8 Channel Adj.	
	EliPette	Aqueous solution	Electronic	0.5-1000µL	Single Channel Adj.	YES (lower part)	
Pipette Filler		Eva Pro	Aqueous solution	Electronic	0.1-100mL	Single channel	YES (silicon adapter&nozzle)
		Eva Plus	Aqueous solution	Electronic	0.1-100mL	Single channel	YES (silicon adapter&nozzle)
Pipette Controller		Eva +	Aqueous solution	Mechanical	0.1-100mL	Single channel	YES (silicon adapter&nozzle)
Pipette Pump		Eva	Aqueous solution	Mechanical	2-25 mL	Single channel	NO
Stepper		Stepette	Aqueous solution, high viscosity or volatile solution	Mechanical	0.5-50 mL	Single channel	NO

In addition to Pipettes, Liquid Handling series also include various Dispensers, Electronic Burette and Vacuum Aspiration System, which are used for the pipetting, dispensing, and collection of reagents with a wider range.

### List of Lab1st models



Product Name	Bottle-Top Dispenser	New Bottle-Top Dispenser	Electronic Bottle-Top Dispenser	Electronic Burette	Vacuum Aspiration System	Economical Vacuum Aspirator
<b>Model</b>	Frespenser	Frespenser Plus	Frespenser Pro	Lab1st Patience	Vacpette Plus	Vacpette
<b>Application</b>	Reagent pipetting and liquid dispensing			Used in titration operations in chemical analysis, food industry, environmental analysis	Liquid collection and storage treatment, including cell culture medium, suspension, supernatant.	
<b>Operation</b>	Manual	Manual	Electronic	Electronic	Electronic	Electronic
<b>Volume Range</b>	0.5-5 mL 1.0-10mL 2.5-25 mL 5.0-50 mL	0.5-5 mL 1.0-10mL 2.5-25 mL 5.0-50 mL 10-100mL	0.1-99.9 mL	0.01-99.99 mL	Vacuum range: 0-600mbar Bottle volume:4L	Vacuum range: 0-500mbar Bottle volume:2L
<b>Reagent Recovery Function</b>	NO	Yes	Yes	Yes	NO	NO
<b>Features</b>	-	-Pro Glass piston (Part volume)	-	-	Sensitive level sensor,Self-closing connector	1L bottle optional, Switch manual and continuous aspiration
<b>Fully autoclavable</b>	The part where the liquid flows	Whole	-	-	The part where the liquid flows	The part where the liquid flows
<b>Accessories</b>	Screw adapter	Screw adapter	Spiral dispensing pipe	Spiral dispensing pipe	Handle adapter	Handle adapter