

# Vacpette Plus

## Vacuum-Controlled Aspiration System

Safe and efficient system for labs handling critical or biological liquid waste.

### Features

- Compact, user-friendly design
- Level detection system prevents bottle overflow
- Control knob for vacuum setting
- The parts in contact with liquids are autoclavable
- Easy to disassemble and clean
- Ideal tool to avoid lab air contamination and protect personnel safety
- Adjustable vacuum level with indicator light is designed for various applications

### Applications

For laboratory waste recovery and separation of liquid and solid. It can be widely used in cell culture, DNA extraction, microplate waste removal, and any other liquid separation or recovery. Best replacement for the common vacuum pump, for all kinds of waste liquid recovery, especially biological, chemical and radioactive liquids.

Self-closing connectors to avoid escape of drops or aerosols from disconnected bottle

Stand for transferring the bottle securely and holding the hand operator

vacuum level indicator light

Sensitive level sensor to prevent liquid overflow

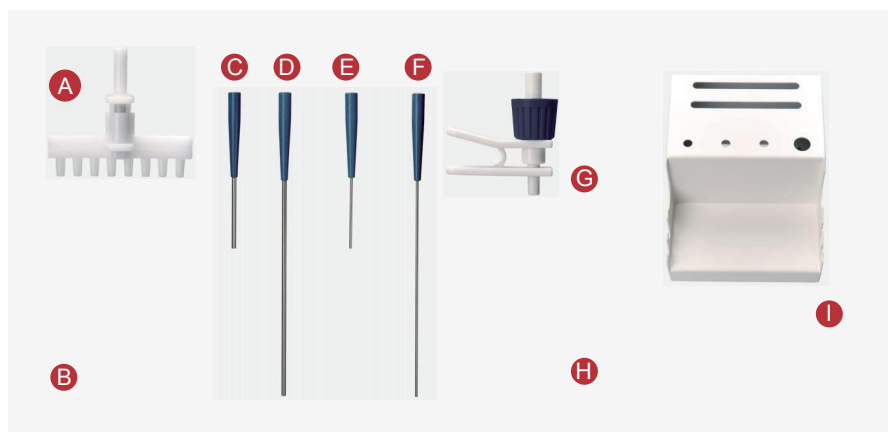


# Specifications

Wide range of adapters to fit well with different tubes, microp late and disk plate, all of which can be fully autoclaved (At 121°C 1 bar for 20 minutes. After autoclaving the equipment must be cooled down before use).

Vacuum range	0-600mbar
Aspirating speed	15L/min (air)
Flow rate [liquid]	17 mL/s
Bottle	4L
Autoclave component	Tube;waste bottle;operation handle;
Noise level	≤55dB
Input voltage	100-240VAC, 50/60 Hz
Dimension[WxDxH]	180x240x450mm
Weight	3kg

A	8-channel tip detrusion adapter 200 µL tip
B	8 channel needle Ø1.5mm
C	Single needle Ø2.5mm, 40mm
D	Single needle Ø2.5mm, 120mm
E	Single needle Ø1.5mm, 40mm
F	Single needle Ø1.5mm, 120mm
G	tip detrusion adapter 200 µL tip
H	tip detrusion adapter 1 mL tip
I	Vacpette Plus Handle bracket



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	0.1-5000µL	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	0.5-1000µL	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