

HiPette



01-2515 (500~5000 μ L) 01-2521 (1000~10000 μ L)

Fully Autoclavable Mechanical Pipette

The new generation of fully autoclavable manual pipette is lightweight, precise, stable and durable. It adopts new piston structure, metal screw structure, fluorine rubber compound sealing ring and other technologies to reduce the pipetting resistance. At the same time, it can withstand high temperature and high pressure sterilization, resist strong chemical corrosion, and have a long service life. In addition, volume lock helps achieve more precise pipetting operations.

Smooth, Low Force, Effortless Plunge

First stop: 4N Second stop: 10N

Smooth Knob Adjustment Light and smooth range adjustment

Adjustable

One Key Volume Lock Setting

Prevent pipetting errors caused by touching the adjusting knob by mistake

Ergonomic

Comfort for accuracy and ease

Locked

Volume Display Window

The counter increment is one thousandth of the range, No calibration required for pipetting less than 50,000 times.

Simple Disassembly

Easy to maintain



Ultra-light body

The weight is less than 75g, which can reduce fatigue and bring a comfortable pipetting experience



Accurate pipetting

The new piston seal structure combined with metal screw to achieve more accurate pipetting and effectively reduce the pressing force.



Complete sterilization

Strong materials ensure HiPette can fully autoclavable, UV sterilizable and resistant strong chemical corrosion.

With Filter Element

Reduce volatile reagents into pipette body; avoid liquid backflow caused by improper operation and prevent piston corrosion





Forward pipetting

Suitable for low-viscosity liquids, press the plunger to the first stop when aspirating, and press the button to the second stop when dispensing.

Reverse pipetting

It is suitable for high-viscosity liquids, easy to foam or micro samples, with higher pipetting accuracy. Press the plunger to the second stop when aspirating, and press the plunger to the first stop when dispensing.

Range selection

Choose the appropriate range according to the pipetting volume. 30%—100% of the maximum range of the pipette is the best use range.

Specifications

Single-channel Adjustable Volume Pipettes (9 models, covering 0.1µL~10ml.)

Volume Range	Increment	Test Volume	Accuracy Error		Precision Error	
			%	µL	%	µL
0.1~2.5µL	0.002µL	2.5µL	1.4%	0.04	0.7%	0.02
		1.25µL	2.5%	0.03	1.5%	0.02
		0.25µL	12.0%	0.03	6.0%	0.02
0.5~10µL	0.01µL	10µL	1.0%	0.10	0.4%	0.04
		5µL	1.5%	0.08	0.8%	0.04
		1µL	2.5%	0.03	1.8%	0.02
2~20µL	0.02µL	20µL	1.0%	0.20	0.3%	0.06
		10µL	1.2%	0.12	0.6%	0.06
		2µL	5.0%	0.10	1.5%	0.03
10~100µL	0.1µL	100µL	0.8%	0.80	0.2%	0.20
		50µL	1.0%	0.50	0.3%	0.15
		10µL	3.0%	0.30	1.0%	0.10
20~200µL	0.2µL	200µL	0.6%	1.20	0.2%	0.40
		100µL	1.0%	1.00	0.3%	0.30
		20µL	2.5%	0.50	0.7%	0.14
30~300µL	2µL	1000µL	0.6%	1.80	0.2%	0.60
		500µL	1.0%	1.50	0.3%	0.45
		100µL	2.5%	0.75	0.7%	0.21
100~1000µL	1µL	1000µL	0.6%	6.00	0.2%	2.00
		500µL	1%	5.00	0.2%	1.00
		100µL	3%	3.00	0.6%	0.60
1000~5000µL	5µL	5000µL	0.6%	30.00	0.2%	10.00
		2500µL	0.6%	15.00	0.3%	7.50
		1000µL	1.2%	12.00	0.3%	3.00
2000~10000µL	10µL	10000µL	0.6%	60.00	0.2%	20.00
		5000µL	0.8%	40.00	0.2%	10.00
		2000µL	1.5%	30.00	0.3%	6.00