

## Technical Specification

Single-Channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	Systematic Error		Radomn Error	
$\mu\text{L}$	$\mu\text{L}$	$\mu\text{L}$	$\mu\text{L}$	%	$\mu\text{L}$	%
0.1~2.5	0.02	2.5	$\pm 0.04$	$\pm 1.4$	$\pm 0.02$	$\pm 0.7$
		1.25	$\pm 0.03$	$\pm 2.5$	$\pm 0.02$	$\pm 1.5$
		0.25	$\pm 0.03$	$\pm 12.0$	$\pm 0.02$	$\pm 6.0$
0.5~10	0.01	10	$\pm 0.1$	$\pm 1.0$	$\pm 0.04$	$\pm 0.4$
		5	$\pm 0.08$	$\pm 1.5$	$\pm 0.04$	$\pm 0.8$
		1	$\pm 0.03$	$\pm 2.5$	$\pm 0.02$	$\pm 1.8$
2~20	0.02	20	$\pm 0.2$	$\pm 1.0$	$\pm 0.06$	$\pm 0.3$
		10	$\pm 0.12$	$\pm 1.2$	$\pm 0.06$	$\pm 0.6$
		2	$\pm 0.1$	$\pm 5.0$	$\pm 0.03$	$\pm 1.5$
5~50	0.05	50	$\pm 0.45$	$\pm 0.9$	$\pm 0.15$	$\pm 0.3$
		25	$\pm 0.35$	$\pm 1.4$	$\pm 0.20$	$\pm 0.8$
		5	$\pm 0.15$	$\pm 3.0$	$\pm 0.08$	$\pm 1.6$
10~100	0.1	100	$\pm 0.8$	$\pm 0.68$	$\pm 0.20$	$\pm 0.2$
		50	$\pm 0.5$	$\pm 1.0$	$\pm 0.15$	$\pm 0.3$
		10	$\pm 0.3$	$\pm 3.0$	$\pm 0.10$	$\pm 1.0$
20~200	0.2	200	$\pm 1.2$	$\pm 0.6$	$\pm 0.40$	$\pm 0.2$
		100	$\pm 1.0$	$\pm 1.0$	$\pm 0.30$	$\pm 0.3$
		20	$\pm 0.5$	$\pm 2.5$	$\pm 0.14$	$\pm 0.7$
30~300	0.2	300	$\pm 1.8$	$\pm 0.6$	$\pm 0.60$	$\pm 0.2$
		150	$\pm 1.5$	$\pm 1.0$	$\pm 0.45$	$\pm 0.3$
		30	$\pm 0.75$	$\pm 2.5$	$\pm 0.21$	$\pm 0.7$
100~1000	1	1000	$\pm 6.0$	$\pm 0.6$	$\pm 2.0$	$\pm 0.2$
		500	$\pm 5.0$	$\pm 1.0$	$\pm 1.0$	$\pm 0.2$
		100	$\pm 3.0$	$\pm 3.0$	$\pm 0.60$	$\pm 0.6$
500~5000	5	5000	$\pm 30$	$\pm 0.6$	$\pm 10.0$	$\pm 0.2$
		2500	$\pm 15$	$\pm 0.6$	$\pm 7.5$	$\pm 0.3$
		500	$\pm 12$	$\pm 2.4$	$\pm 3.0$	$\pm 0.6$
1000~10000	10	10000	$\pm 60$	$\pm 0.6$	$\pm 20.0$	$\pm 0.2$
		5000	$\pm 40$	$\pm 0.8$	$\pm 10.0$	$\pm 0.2$
		1000	$\pm 30$	$\pm 3.0$	$\pm 6.0$	$\pm 0.6$

\*Ultrassay BioTech Co., Ltd. reserves the right of final interpretation of different application.



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## HiPette

### Fully Autoclavable Mechanical Pipette

New generation fully autoclavable mechanical pipette has the best ergonomic design and ultralight weight. It has been designed keeping in mind the human form and human factors to offer smooth and effortless ergonomic pipetting experience. It is UV sterilisable and resistant to strong chemical corrosion. In addition, the volume lock helps protect from volume changing accidentally, and achieve reliable pipetting of smallest volume of liquids.

