

Technical Specification

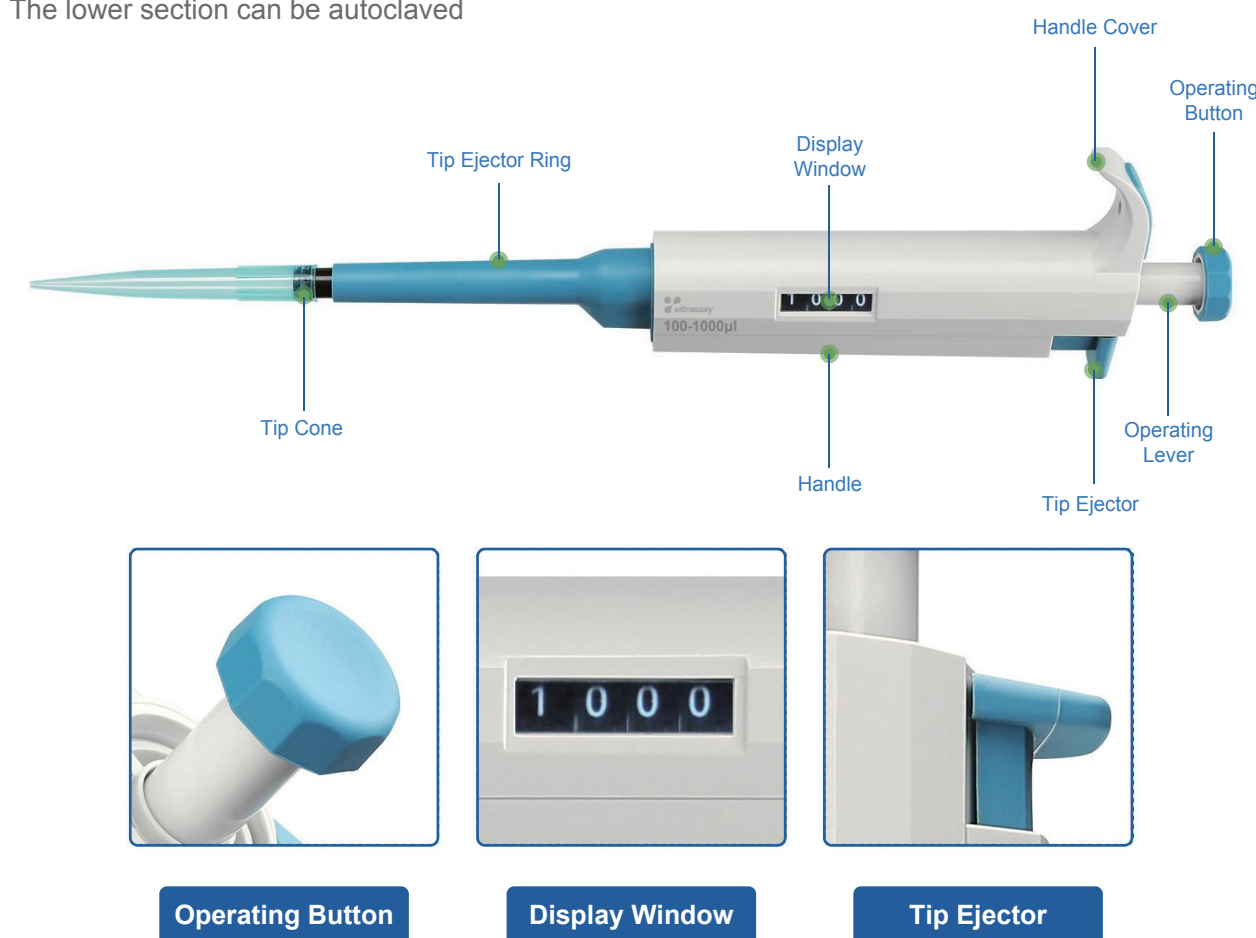
Single-channel Adjustable Volume Electronic Pipettes						
Volume Range	Increment	Test Volume	Systematic Error		Radomn Error	
μL	μL	μL	μL	%	μL	%
0.1~2.5	0.05	2.5	±2.5	±0.0625	±2.0	±0.05
		1.25	±3.0	±0.0375	±3.0	±0.0375
		0.25	±12.0	±0.03	±6.0	±0.015
0.5~10	0.1	10	±1.0	±0.1	±0.8	±0.08
		5	±1.5	±0.075	±1.5	±0.075
		1	±2.5	±0.025	±1.5	±0.015
2~20	0.5	20	±0.9	±0.18	±0.04	±0.015
		10	±1.2	±0.12	±1.0	±0.08
		2	±3.0	±0.06	±2.0	±0.1
5~50	0.5	50	±0.6	±0.3	±0.3	±0.15
		25	±0.9	±0.225	±0.6	±0.15
		5	±2.0	±0.1	±2.0	±0.1
10~100	1	100	±0.8	±0.8	±0.15	±0.15
		50	±1.0	±0.5	±0.4	±0.2
		10	±3.0	±0.3	±1.5	±0.15
20~200	1	200	±0.6	±1.2	±0.15	±0.3
		100	±0.8	±0.8	±0.3	±0.3
		20	±3.0	±0.6	±1.0	±0.2
50~200	1	200	±0.6	±1.2	±0.15	±0.3
		100	±0.8	±0.8	±0.3	±0.3
		50	±1.0	±0.5	±0.4	±0.2
100~1000	5	1000	±0.6	±6	±2.0	±2
		500	±0.7	±3.5	±0.2	±1.25
		100	±2.0	±2	±0.25	±0.7
200~1000	5	1000	±0.6	±6	±2.0	±2
		500	±0.7	±3.5	±0.2	±1.25
		200	±0.9	±1.8	±0.3	±0.6
500~5000	50	5000	±0.5	±25	±0.15	±7.5
		2500	±0.6	±15	±0.3	±7.5
		500	±0.7	±3.5	±0.3	±1.5
1000~5000	50	5000	±0.5	±25	±0.15	±7.5
		2500	±0.6	±15	±0.3	±7.5
		1000	±0.7	±7	±0.3	±3
1000~10000	100	10000	±0.6	±60	±0.2	±20
		5000	±1.2	±60	±0.3	±15
		1000	±3.0	±30	±0.6	±6
2000~10000	100	10000	±0.6	±60	±0.2	±20
		5000	±1.2	±60	±0.3	±15
		2000	±3.0	±60	±0.6	±12

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

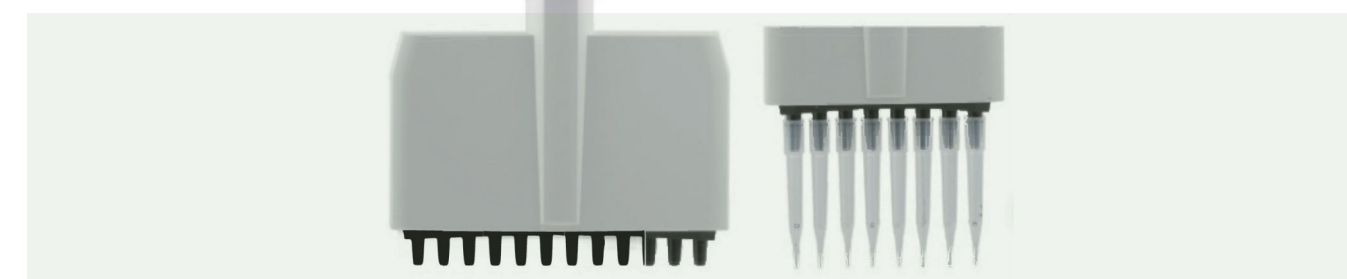
TopPette

Mechanical Pipette (121°C Half autoclavable)

- Light weight, ergonomic, low force design
- Digital display clearly reads volume setting
- The pipettes cover volume range of 0.1 to 10ml
- Easy to calibrate and maintain with tool supplied
- Design helps avoid repetitive strain injuries
- Calibrate in accordance with ISO8655. Each pipette supplied with individual test certificate
- The lower section can be autoclaved



8 channel / 12 channel options



8-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	Systematic Error		Radomn Error	
μL	μL	μL	μL	%	μL	%
0.5~10	0.1	10	±1.5	±0.15	±1.5	±0.15
		5	±2.5	±0.125	±2.5	±0.125
		1	±4.0	±0.04	±4.0	±0.04
5~50	0.5	50	±1.0	±0.5	±0.5	±0.25
		25	±1.5	±0.375	±1.0	±0.25
		5	±3.0	±0.15	±2.0	±0.1
10~100	1	100	±0.8	±0.8	±0.3	±0.3
		50	±1.0	±0.5	±0.8	±0.4
		10	±3.0	±0.3	±2.0	±0.2
50~300	5	300	±0.7	±2.1	±0.25	±0.75
		150	±1.0	±1.5	±0.5	±0.75
		30	±1.5	±0.75	±0.8	±0.4
12-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	Systematic Error		Radomn Error	
μL	μL	μL	μL	%	μL	%
0.5~10	0.1	10	±1.5	±0.15	±1.5	±0.15
		5	±2.5	±0.125	±2.5	±0.125
		1	±4.0	±0.04	±4.0	±0.04
5~50	0.5	50	±1.0	±0.5	±0.5	±0.25
		25	±1.5	±0.375	±1.0	±0.25
		5	±3.0	±0.15	±2.0	±0.1
10~100	1	100	±0.8	±0.8	±0.3	±0.3
		50	±1.0	±0.5	±0.8	±0.4
		10	±3.0	±0.3	±2.0	±0.2
50~300	5	300	±0.7	±2.1	±0.25	±0.75
		150	±1.0	±1.5	±0.5	±0.75
		30	±1.5	±0.75	±0.8	±0.4
Single-channel Fixed Volume Pipettes						
Volume Range	Increment	Test Volume	Systematic Error		Radomn Error	
μL	μL	μL	μL	%	μL	%
5	-	5	±1.3	±0.065	±1.2	±0.06
10	-	10	±0.8	±0.08	±0.8	±0.08
20	-	20	±0.6	±0.12	±0.5	±0.1
25	-	25	±0.5	±0.125	±0.3	±0.075
50	-	50	±0.5	±0.25	±0.3	±0.15
100	-	100	±0.5	±0.5	±0.3	±0.3
200	-	200	±0.4	±0.8	±0.2	±0.4
250	-	250	±0.4	±1.0	±0.2	±0.5
500	-	500	±0.3	±1.5	±0.2	±1.0
1000	-	1000	±0.3	±3.0	±0.2	±2.0
2000	-	2000	±0.3	±6.0	±0.15	±3.0
5000	-	5000	±0.3	±15	±0.15	±7.5



Pipette Stand

- Linear Pipette Stand
Number of pipettes held: 6-8 pcs
Size:29.5*14.5*28cm
- Round Pipette Stand
Number of pipettes held: 6 pcs
Size:16*16*32cm

