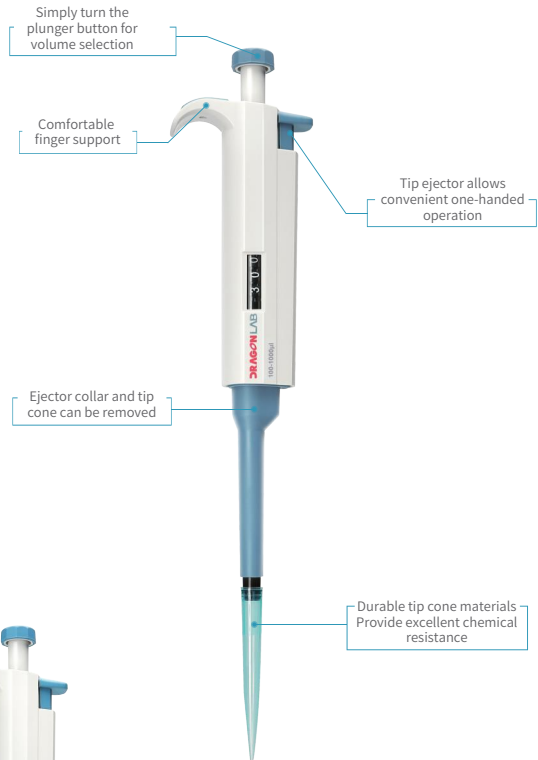


TopPette

Mechanical Pipettes

- Light weight, ergonomic, low force design
- Digital display clearly reads volume setting
- The pipettes cover volume range of 0.1µL to 20mL
- Easy to calibrate and maintain with tool supplied
- Design helps avoid repetitive strain injuries
- Calibrated in accordance with ISO8655. Each pipette supplied with individual test certificate
- The lower section can be autoclaved



Pipette with switch

DLAB Pipettes can be stopped with an on/off switch and cable. This can be used with coagulation analyzers or any other instruments that require precise timing.

TopPette multi-channel Features

- 8 and 12 channel pipettes are available for standard 96-well plates
- Dispensing head rotates for optimum pipetting convenience
- Individual piston and tip cone assemblies allow easy repair and maintenance
- Compound material tip cone design allows visual seal verification



12 channels

8 channels

Pipette Stands

Linear Stand Cat. No.703000085

Compatible with TopPette, MicroPette Plus, and HiPette pipette series.

The stand can stably and conveniently hold up to 8 single-channel or multi-channel pipettes simultaneously, and up to 10 pipettes for the HiPette series.



Round Stand Cat. No.703000084

Compatible with MicroPette Plus pipette series.

The freely rotatable circular stand can securely hold up to 6 single-channel or multi-channel pipettes.



Mechanical Pipette Volume Selection

Specifications

TopPette/ MicroPette Plus Mechanical Pipettes (Adjustable and Fixed Volume)

Single-channel Adjustable Volume Pipettes						
Volume Range	Increment	Test Volume	Error limits in accordance with ISO8655-2			
			Systematic Error		Random Error	
μL	μL	μL	μL	%	μL	%
0.1-2.5	0.05	2.5	± 0.0625	± 2.50	± 0.05	± 2.00
		1.25	± 0.0375	± 3.00	± 0.0375	± 3.00
		0.25	± 0.03	± 12.00	± 0.015	± 6.00
0.5-10	0.1	10	± 0.1	± 1.00	± 0.08	± 0.80
		5	± 0.075	± 1.50	± 0.075	± 1.50
		1	± 0.025	± 2.50	± 0.015	± 1.50
2-20	0.5	20	± 0.18	± 0.90	± 0.08	± 0.40
		10	± 0.12	± 1.20	± 0.1	± 1.00
		2	± 0.06	± 3.00	± 0.04	± 2.00
5-50	0.5	50	± 0.3	± 0.60	± 0.15	± 0.30
		25	± 0.225	± 0.90	± 0.15	± 0.60
		5	± 0.1	± 2.00	± 0.1	± 2.00
10-100	1	100	± 0.8	± 0.80	± 0.15	± 0.15
		50	± 0.5	± 1.00	± 0.2	± 0.40
		10	± 0.3	± 3.00	± 0.15	± 1.50
20-200	1	200	± 1.2	± 0.60	± 0.3	± 0.15
		100	± 0.8	± 0.80	± 0.3	± 0.30
		20	± 0.6	± 3.00	± 0.2	± 1.00
50-200	1	200	± 1.2	± 0.60	± 0.3	± 0.15
		100	± 0.8	± 0.80	± 0.3	± 0.30
		50	± 0.5	± 1.00	± 0.2	± 0.40
100-1000	5	1000	± 6	± 0.60	± 2	± 0.20
		500	± 3.5	± 0.70	± 1.25	± 0.25
		100	± 2	± 2.00	± 0.7	± 0.70
200-1000	5	1000	± 6	± 0.60	± 2	± 0.20
		500	± 3.5	± 0.70	± 1.25	± 0.25
		200	± 1.8	± 0.90	± 0.6	± 0.30
500-5000	50	5000	± 25	± 0.50	± 7.5	± 0.15
		2500	± 15	± 0.60	± 7.5	± 0.30
		500	± 3.5	± 0.70	± 1.5	± 0.30
1000-5000	50	5000	± 25	± 0.50	± 7.5	± 0.15
		2500	± 15	± 0.60	± 7.5	± 0.30
		1000	± 7	± 0.70	± 3	± 0.30
1000-10000	100	10000	± 60	± 0.60	± 20	± 0.20
		5000	± 60	± 1.20	± 15	± 0.30
		1000	± 30	± 3.00	± 6	± 0.60
2000-10000 Do not apply to MicroPette plus	100	10000	± 60	± 0.60	± 20	± 0.20
		5000	± 60	± 1.20	± 15	± 0.30
		2000	± 60	± 3.00	± 12	± 0.60
*2000-20000 Coming soon	100	2000	± 120	± 6.00	± 60	± 3.00
		10000	± 120	± 1.20	± 60	± 0.60
		20000	± 120	± 0.60	± 60	± 0.30

User calibration should refer to the industrial standard ISO8655-2.

Fixed Volume Pipettes

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
			μL	%	μL	%
μL	—	μL	μL	%	μL	%
5	—	5	± 0.065	± 1.3	± 0.06	± 1.2
10	—	10	± 0.08	± 0.8	± 0.08	± 0.8
20	—	20	± 0.12	± 0.6	± 0.1	± 0.5
25	—	25	± 0.125	± 0.5	± 0.075	± 0.3
50	—	50	± 0.25	± 0.5	± 0.15	± 0.3
100	—	100	± 0.5	± 0.5	± 0.3	± 0.3
200	—	200	± 0.8	± 0.4	± 0.4	± 0.2
250	—	250	± 1.0	± 0.4	± 0.5	± 0.2
500	—	500	± 1.5	± 0.3	± 1.0	± 0.2
1000	—	1000	± 3.0	± 0.3	± 2.0	± 0.2
2000	—	2000	± 6.0	± 0.3	± 3.0	± 0.15
5000	—	5000	± 15	± 0.3	± 7.5	± 0.15

8-channel Adjustable Volume Pipettes

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
			μL	%	μL	%
μL	μL	μL	μL	%	μL	%
0.5-10	0.1	10	± 0.15	± 1.50	± 0.15	± 1.50
		5	± 0.125	± 2.50	± 0.125	± 2.50
		1	± 0.04	± 4.00	± 0.04	± 4.00
5-50	0.5	50	± 0.5	± 1.00	± 0.25	± 0.50
		25	± 0.375	± 1.50	± 0.25	± 1.00
		5	± 0.15	± 3.00	± 0.1	± 2.00
10-100	1	100	± 0.8	± 0.80	± 0.3	± 0.30
		50	± 0.5	± 1.00	± 0.4	± 0.80
		10	± 0.3	± 3.00	± 0.2	± 2.00
20-200*	1	200	± 1.4	± 0.70	± 0.5	± 0.25
		100	± 1.0	± 1.00	± 0.5	± 0.50
		20	± 0.6	± 3.00	± 0.32	± 1.60
30-300*	5	300	± 2.1	± 0.70	± 0.75	± 0.25
		150	± 1.5	± 1.00	± 0.75	± 0.5
		30	± 0.9	± 3.00	± 0.48	± 1.60
50-300	5	300	± 2.1	± 0.70	± 0.75	± 0.25
		150	± 1.5	± 1.00	± 0.75	± 0.50
		50	± 0.75	± 1.50	± 0.4	± 0.80
100-1000	10	1000	± 10	± 1.00	± 3	± 0.30
		500	± 10	± 2.00	± 2.5	± 0.50
		100	± 5	± 5.00	± 1	± 1.00

12-channel Adjustable Volume Pipettes

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
			μL	%	μL	%
μL	μL	μL	μL	%	μL	%
0.5-10	0.1	10	± 0.15	± 1.50	± 0.15	± 1.50
		5	± 0.125	± 2.50	± 0.125	± 2.50
		1	± 0.04	± 4.00	± 0.04	± 4.00
5-50	0.5	50	± 0.5	± 1.00	± 0.25	± 0.50
		25	± 0.375	± 1.50	± 0.25	± 1.00
		5	± 0.15	± 3.00	± 0.1	± 2.00
10-100	0.1	200	± 1.4	± 0.70	± 0.5	± 0.30
		100	± 1.0	± 1.00	± 0.5	± 0.80
		20	± 0.6	± 3.00	± 0.32	± 2.00
20-200*	1	300	± 2.1	± 0.70	± 0.75	± 0.25
		150	± 1.5	± 1.00	± 0.75	± 0.50
		30	± 0.9	± 3.00	± 0.48	± 1.60
30-300*	5	100	± 0.8	± 0.80	± 0.3	± 0.30
		50	± 0.5	± 1.00	± 0.4	± 0.80
		10	± 0.3	± 3.00	± 0.2	± 2.00
50-300	5	300	± 2.1	± 0.70	± 0.75	± 0.25
		150	± 1.5	± 1.00	± 0.75	± 0.50
		50	± 0.75	± 1.50	± 0.4	± 0.80

* DLAB specifications are used as guidelines and the user calibration should refer to the industrial standard ISO 8655