

MicroPette Plus

121°C
FULLY
Autoclavable



Fixed Volume Pipettes

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
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	%
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
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

12-channel Adjustable Volume Pipettes

Volume Range	Increment	Test Volume	Systematic Error		Random Error	
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
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

Mechanical Pipette Volume Selection

Specifications

This volume list is for MicroPette and MicroPette plus (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	± 0.9	± 0.08	± 0.04
		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
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
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

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