

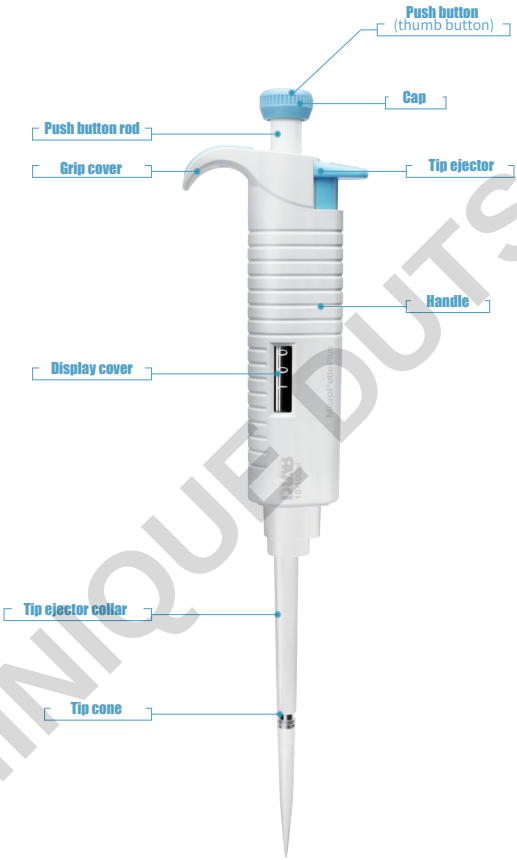
MicroPette Plus

Fully Autoclavable Mechanical Pipette

The MicroPette Plus pipette is fully autoclavable, being able to withstand temperatures of 121°C and pressure of 1ATM, and does not need to be pre-treated prior. Following the autoclave cycle, a 12 hour cooling and drying period ensures that the high performance of the MicroPette Plus is retained. It is recommended the piston and rubber seals be greased after every 10 cycles of autoclaving.

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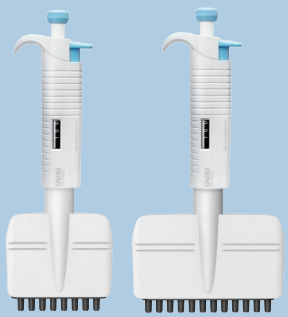
121°C
FULLY
Autoclavable



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Features

- Available as Fixed Volume and Adjustable Volume formats
- Streamlined shape design
- Comprehensive volume range from 0.1μL to 10mL
- Easy calibration and maintenance
- 8 and 12 channel pipette options
- Dispensing head rotates for effortless pipetting convenience
- Individual piston and tip cone assembly
- Spring loaded tip cones for easy cleaning and maintenance
- Compound material-made tip cone secures high sealing performance



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	±0.90	±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.

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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
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
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	%
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
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

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