

MicroPette Plus Features

121°C
FULLY
Autoclavable

- Available as Fixed Volume and Variable Volume formats
- Streamlined shape design
- Comprehensive volume range from 0.1µL to 5mL
- 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



MicroPette Features

121°C
Half
Autoclavable

- Available as Fixed Volume and Variable 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

Common Features

- Central, large pipetting button for smooth movement of the piston
- Smooth knob adjustment for light and smooth range adjustment
- Easy volume adjustment for left- and right-handers
- Large, ergonomic ejection button for rapid replacement of the tips
- Ergonomic finger rest that allows comfortable handling
- Precise, digital volume display
- Lightweight but still robust for easy tip selection
- Compatible with most universal tip brands
- Fully autoclavable at 121 °C with use of best in class innovative materials
- Corrosion-resistant piston & ejector complying to European standard
- Online calibration available
- Individual calibration certificate provided according to ISO8655

Applications

- Best suited for clinical diagnostics and control analysis labs.
- Best suited for molecular biology, microbiology, immunology, cell culture, analytical chemistry, biochemistry and genetic labs.
- Best suited for ELISA & CLIA diagnostics test, molecular screening, kinetic studies, DNA application etc.

Mechanical Pipette Volume Selection

Specifications

This list is appropriate 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			
			Accuracy error		Precision 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	± 0.09	± 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	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.