

MicroPette Plus Pipettes Single-Channel

- 01-2101 (0.5-10 µL)**
- 01-2104 (10-100 µL)**
- 01-2102 (20-200 µL)**
- 01-2110 (100-1000 µL)**

MicroPette Plus mechanical pipettes are the ideal adjustable volume pipettes for all of your basic pipetting needs; both single-channel and 8-channel types are available. They are calibrated in accordance with ISO 8655, and each pipette includes its own individual test certificate. MicroPette pipette stands are also available (sold separately).

Features

- Ergonomic design for comfortable extended use
- Easy-to-read display
- Fully mechanical function
- Convenient one-handed operation
- Easy to calibrate and maintain with included tool
- Individual piston and tip cone assemblies allow for easy repair and maintenance
- Fully autoclavable
- Compatible with most standard pipette tips

Turn plunger knob to select pipetting volume

Comfortable Finger support

Tip ejector enables convenient one-handed operation

Ejector collar and tip cones can be removed for maintenance

Durable tip cone materials have excellent chemical resistance

Turn plunger knob to select pipetting volume

Comfortable finger support

Tip ejector enables convenient one-handed operation



Pipette Stand (01-2306)

Holds up to six single- or multi-channel pipettes

8-Channel

- 01-2801 (0.5-10 µL)**
- 01-2805 (5-50 µL)**
- 01-2830 (50-300 µL)**

- Efficiently pipette eight samples at once
- Great for use with standard 96-well plates
- Dispensing head rotates 360° for optimal pipetting convenience

MicroPette Plus Specifications

Single-channel Adjustable Volume Pipettes							
Catalogue No.	Volume Range (µL)	Increment (µL)	Test Volume (µL)	Maximum permissible systematic error (Inaccuracy)		Maximum permissible random error (Imprecision)	
				%	µL	%	µL
01-2101	0.5-10	0.1	10	1.00%	0.1	0.80%	0.08
			5	1.50%	0.075	1.50%	0.075
			1	2.50%	0.025	1.50%	0.015
01-2104	10-100	1	100	0.80%	0.8	0.15%	0.15
			50	1.00%	0.5	0.40%	0.2
			10	3.00%	0.3	1.50%	0.15
01-2102	20-200	1	200	0.60%	1.2	0.15%	0.3
			100	0.80%	0.8	0.30%	0.3
			20	3.00%	0.6	1.00%	0.2
01-2110	100-1000	5	1000	0.60%	6	0.20%	2
			500	0.70%	3.5	0.25%	1.25
			100	2.00%	2	0.70%	0.7

8-channel Adjustable Volume Pipettes							
Catalogue No.	Volume Range (µL)	Increment (µL)	Test Volume (µL)	Maximum permissible systematic error (Inaccuracy)		Maximum permissible random error (Imprecision)	
				%	µL	%	µL
01-2801	0.5-10	0.1	10	1.50%	0.15	1.50%	0.15
			5	2.50%	0.125	2.50%	0.125
			1	4.00%	0.04	4.00%	0.04
01-2805	5-50	0.5	50	1.00%	0.5	0.50%	0.25
			25	1.50%	0.375	1.00%	0.25
			5	3.00%	0.15	2.00%	0.1
01-2830	50-300	5	300	0.70%	2.1	0.25%	0.75
			150	1.00%	1.5	0.50%	0.75
			50	1.50%	0.75	0.80%	0.4

Autoclaving

All MicroPette Plus Pipettes are fully autoclavable without special preparation. Autoclaving at 121°C and 1 atm for 20 minutes is recommended. After autoclaving, leave pipette to cool and dry for 12 hours, then check its performance and re-calibrate if necessary. For best performance, apply lubricant to the piston and seal of the pipette after every 10 autoclave cycles.