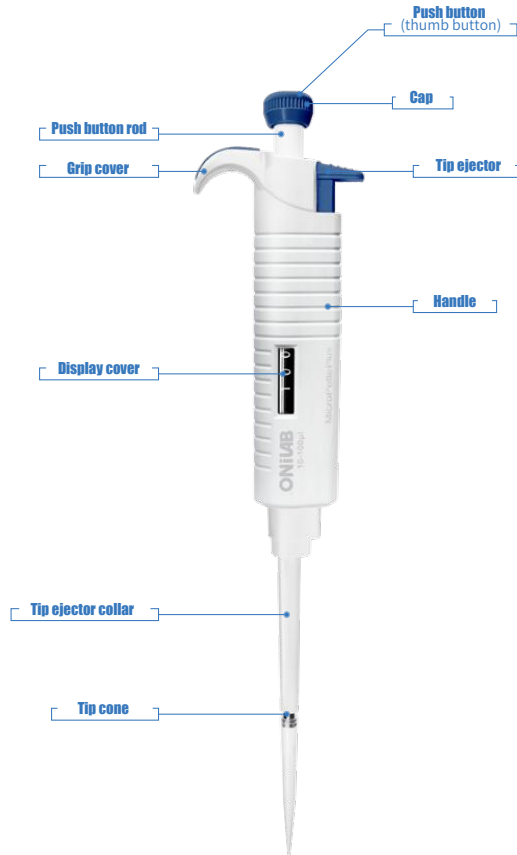


## MicroPette Plus

### Fully Autoclavable Mechanical Pipette

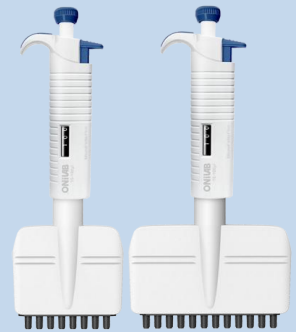
The MicroPette Plus pipette is fully autoclavable, being able to withstand temperatures of 121°C and pressure of 1ATM, and does not need to be pre-treated prior. Following the autoclave cycle, a 12 hour cooling and drying period ensures that the high performance of the MicroPette Plus is retained. It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

**121°C**  
**FULLY**  
**Autoclavable**



## 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



### Fixed Volume Pipettes

| Volume Range  | Increment | Test Volume   | Systematic Error |           | Random Error  |            |
|---------------|-----------|---------------|------------------|-----------|---------------|------------|
|               |           |               | $\mu\text{L}$    | %         | $\mu\text{L}$ | %          |
| $\mu\text{L}$ | –         | $\mu\text{L}$ | $\mu\text{L}$    | %         | $\mu\text{L}$ | %          |
| 5             | –         | 5             | $\pm 0.065$      | $\pm 1.3$ | $\pm 0.06$    | $\pm 1.2$  |
| 10            | –         | 10            | $\pm 0.08$       | $\pm 0.8$ | $\pm 0.08$    | $\pm 0.8$  |
| 20            | –         | 20            | $\pm 0.12$       | $\pm 0.6$ | $\pm 0.1$     | $\pm 0.5$  |
| 25            | –         | 25            | $\pm 0.125$      | $\pm 0.5$ | $\pm 0.075$   | $\pm 0.3$  |
| 50            | –         | 50            | $\pm 0.25$       | $\pm 0.5$ | $\pm 0.15$    | $\pm 0.3$  |
| 100           | –         | 100           | $\pm 0.5$        | $\pm 0.5$ | $\pm 0.3$     | $\pm 0.3$  |
| 200           | –         | 200           | $\pm 0.8$        | $\pm 0.4$ | $\pm 0.4$     | $\pm 0.2$  |
| 250           | –         | 250           | $\pm 1.0$        | $\pm 0.4$ | $\pm 0.5$     | $\pm 0.2$  |
| 500           | –         | 500           | $\pm 1.5$        | $\pm 0.3$ | $\pm 1.0$     | $\pm 0.2$  |
| 1000          | –         | 1000          | $\pm 3.0$        | $\pm 0.3$ | $\pm 2.0$     | $\pm 0.2$  |
| 2000          | –         | 2000          | $\pm 6.0$        | $\pm 0.3$ | $\pm 3.0$     | $\pm 0.15$ |
| 5000          | –         | 5000          | $\pm 15$         | $\pm 0.3$ | $\pm 7.5$     | $\pm 0.15$ |

### 8-channel Adjustable Volume Pipettes

| Volume Range  | Increment     | Test Volume   | Systematic Error |            | Random Error  |            |
|---------------|---------------|---------------|------------------|------------|---------------|------------|
|               |               |               | $\mu\text{L}$    | %          | $\mu\text{L}$ | %          |
| $\mu\text{L}$ | $\mu\text{L}$ | $\mu\text{L}$ | $\mu\text{L}$    | %          | $\mu\text{L}$ | %          |
| 0.5-10        | 0.1           | 10            | $\pm 0.15$       | $\pm 1.50$ | $\pm 0.15$    | $\pm 1.50$ |
|               |               | 5             | $\pm 0.125$      | $\pm 2.50$ | $\pm 0.125$   | $\pm 2.50$ |
|               |               | 1             | $\pm 0.04$       | $\pm 4.00$ | $\pm 0.04$    | $\pm 4.00$ |
| 5-50          | 0.5           | 50            | $\pm 0.5$        | $\pm 1.00$ | $\pm 0.25$    | $\pm 0.50$ |
|               |               | 25            | $\pm 0.375$      | $\pm 1.50$ | $\pm 0.25$    | $\pm 1.00$ |
|               |               | 5             | $\pm 0.15$       | $\pm 3.00$ | $\pm 0.1$     | $\pm 2.00$ |
| 10-100        | 1             | 100           | $\pm 0.8$        | $\pm 0.80$ | $\pm 0.3$     | $\pm 0.30$ |
|               |               | 50            | $\pm 0.5$        | $\pm 1.00$ | $\pm 0.4$     | $\pm 0.80$ |
|               |               | 10            | $\pm 0.3$        | $\pm 3.00$ | $\pm 0.2$     | $\pm 2.00$ |
| 50-200*       | 5             | 200           | $\pm 1.4$        | $\pm 0.7$  | $\pm 0.5$     | $\pm 0.25$ |
|               |               | 100           | $\pm 1.0$        | $\pm 1.0$  | $\pm 0.5$     | $\pm 0.5$  |
|               |               | 50            | $\pm 0.75$       | $\pm 1.5$  | $\pm 0.4$     | $\pm 0.8$  |
| 50-300        | 5             | 300           | $\pm 2.1$        | $\pm 0.70$ | $\pm 0.75$    | $\pm 0.25$ |
|               |               | 150           | $\pm 1.5$        | $\pm 1.00$ | $\pm 0.75$    | $\pm 0.50$ |
|               |               | 50            | $\pm 0.75$       | $\pm 1.50$ | $\pm 0.4$     | $\pm 0.80$ |
| 100-1000**    | 10            | 1000          | $\pm 10$         | $\pm 1.00$ | $\pm 3$       | $\pm 0.30$ |
|               |               | 500           | $\pm 10$         | $\pm 2.00$ | $\pm 2.5$     | $\pm 0.50$ |
|               |               | 100           | $\pm 5$          | $\pm 5.00$ | $\pm 1$       | $\pm 1.00$ |

### 12-channel Adjustable Volume Pipettes

| Volume Range  | Increment     | Test Volume   | Systematic Error |            | Random Error  |            |
|---------------|---------------|---------------|------------------|------------|---------------|------------|
|               |               |               | $\mu\text{L}$    | %          | $\mu\text{L}$ | %          |
| $\mu\text{L}$ | $\mu\text{L}$ | $\mu\text{L}$ | $\mu\text{L}$    | %          | $\mu\text{L}$ | %          |
| 0.5-10        | 0.1           | 10            | $\pm 0.15$       | $\pm 1.50$ | $\pm 0.15$    | $\pm 1.50$ |
|               |               | 5             | $\pm 0.125$      | $\pm 2.50$ | $\pm 0.125$   | $\pm 2.50$ |
|               |               | 1             | $\pm 0.04$       | $\pm 4.00$ | $\pm 0.04$    | $\pm 4.00$ |
| 5-50          | 0.5           | 50            | $\pm 0.5$        | $\pm 1.00$ | $\pm 0.25$    | $\pm 0.50$ |
|               |               | 25            | $\pm 0.375$      | $\pm 1.50$ | $\pm 0.25$    | $\pm 1.00$ |
|               |               | 5             | $\pm 0.15$       | $\pm 3.00$ | $\pm 0.1$     | $\pm 2.00$ |
| 10-100        | 1             | 100           | $\pm 0.8$        | $\pm 0.80$ | $\pm 0.3$     | $\pm 0.30$ |
|               |               | 50            | $\pm 0.5$        | $\pm 1.00$ | $\pm 0.4$     | $\pm 0.80$ |
|               |               | 10            | $\pm 0.3$        | $\pm 3.00$ | $\pm 0.2$     | $\pm 2.00$ |
| 50-300        | 5             | 300           | $\pm 2.1$        | $\pm 0.70$ | $\pm 0.75$    | $\pm 0.25$ |
|               |               | 150           | $\pm 1.5$        | $\pm 1.00$ | $\pm 0.75$    | $\pm 0.50$ |
|               |               | 50            | $\pm 0.75$       | $\pm 1.50$ | $\pm 0.4$     | $\pm 0.80$ |

\* coming soon

\*\* This specification is limited to MicroPette Plus

Note: Specifications are used as guidelines, and user calibration should refer to the industrial standard ISO 8655.