



## Specifications

Channels	Volume Range	Increment	Test Volume	Error limits in accordance to ISO8655-2			
				accuracy error		precision error	
	$\mu\text{L}$	$\mu\text{L}$	$\mu\text{L}$	$\mu\text{L}$	%	s.d.* $\mu\text{L}$	CV%*
1	0.5-10	0.01	10	$\pm 0.10$	$\pm 1.00$	0.05	0.50
			1	$\pm 0.035$	$\pm 3.50$	0.03	3.00
1	5-50	0.1	50	$\pm 0.40$	$\pm 0.80$	0.15	0.30
			5	$\pm 0.15$	$\pm 3.00$	0.125	2.50
1	30-300	1	300	$\pm 1.80$	$\pm 0.60$	0.60	0.20
			30	$\pm 0.90$	$\pm 3.00$	0.21	0.70
1	100-1000	5	1000	$\pm 6.00$	$\pm 0.60$	2.00	0.20
			100	$\pm 3.00$	$\pm 3.00$	0.60	0.60

\* s.d. = Standard Deviation

\*CV = Coefficient of Variation



121°C  
FULLY  
Autoclavable

## MicroPette plus

### Features

- Fully autoclavable.
- Light in weight with best quality spring mechanism and plunger movement.
- Easy volume adjustment enabling single handed operation.
- High accuracy and precision.
- Easy calibration and maintenance.
- Available in 11 different volume ranges covering from 0.1µL to 10mL.
- Manufactured from high strength plastic.
- Comfortable design with less fatigue.

## MicroPette plus Multi Channel

121°C  
FULLY  
Autoclavable

### Features

- 8 and 12 channel pipettes most suitable for 96 well plates.
- Compatible with universally accepted tip brands.
- Fully autoclavable.
- Ergonomic design minimizes RSI.
- Low force tip ejector for easy operation.



### Fully autoclavable |

The MicroPette Plus pipettes are fully autoclavable, enable easy cleaning and reduce the risk of contamination. Steam autoclaving can be performed at 121°C, 1 bar for 20 minutes. After autoclaving, the pipette must be cooled down and left to dry for 12 hours before use.

It is recommended to check the performance of the pipette after each autoclaving. Greasing and sealing of the pipette piston after every 10th autoclaving will secure an enhanced function.



Comfortable Finger support

Push button for volume adjustment

Low force tip ejector for easy operation

Spring loaded tip cones for easy cleaning and maintenance

High chemical-resistant materials to secure long lifetime



12 channels



## MicroPette

### Features

- Semi autoclavable pipettes covering a volume range of 0.1-10mL.
- Easy to read large display with easy volume identification.
- Manufactured from high strength plastic.
- New body design decreases the fatigue due to operation.
- Spring loaded tip cones for easy cleaning and maintenance.

## MicroPette Multi Channel

121°C  
HALF  
Autoclavable

### Features

- Semi autoclavable at 121°C for 20 minutes.
- 8 and 12 channel pipettes covering a volume range of 0.1-10mL.
- Easy to operate with comfortable finger support.
- Manufactured with chemically resistant materials to secure long lifetime.
- Compatible with universally accepted tips.





8 channels



### Calibration |

All ONiLAB pipettes have been quality tested according to ISO8655-2:2002 and are supplied with individual calibration certificates. The quality control includes gravimetric testing of each pipette with distilled water at 22°C

Our website [www.ONiLABsci.com](http://www.ONiLABsci.com) allows users to access ONiLAB online calibration software and achieve accurate and timely calibration.

Online calibration software is FREE to ONiLAB pipette users

## 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
0.1-2.5µL	0.05µL	2.5µL	2.50%	0.0625	2.00%	0.05
		1.25µL	3.00%	0.0375	3.00%	0.0375
		0.25µL	12.00%	0.03	6.00%	0.015
0.5-10µL	0.1µL	10µL	1.00%	0.1	0.80%	0.08
		5µL	1.50%	0.075	1.50%	0.075
		1µL	2.50%	0.025	1.50%	0.015
2-20µL	0.5µL	20µL	0.90%	0.18	0.40%	0.08
		10µL	1.20%	0.12	1.00%	0.1
		2µL	3.00%	0.06	2.00%	0.04
5-50µL	0.5µL	50µL	0.60%	0.3	0.30%	0.15
		25µL	0.90%	0.225	0.60%	0.15
		5µL	2.00%	0.1	2.00%	0.1
10-100µL	1µL	100µL	0.80%	0.8	0.15%	0.15
		50µL	1.00%	0.5	0.40%	0.2
		10µL	3.00%	0.3	1.50%	0.15
20-200µL	1µL	200µL	0.60%	1.2	0.15%	0.3
		100µL	0.80%	0.8	0.30%	0.3
		20µL	3.00%	0.6	1.00%	0.2
50-200µL	1µL	200µL	0.60%	1.2	0.15%	0.3
		100µL	0.80%	0.8	0.30%	0.3
		50µL	1.00%	0.5	0.40%	0.2
100-1000µL	5µL	1000µL	0.60%	6	0.20%	2
		500µL	0.70%	3.5	0.25%	1.25
		100µL	2.00%	2	0.70%	0.7
200-1000µL	5µL	1000µL	0.60%	6	0.20%	2
		500µL	0.70%	3.5	0.25%	1.25
		200µL	0.90%	1.8	0.30%	0.6
1000-5000µL	50µL	5000µL	0.50%	25	0.15%	7.5
		2500µL	0.60%	15	0.30%	7.5
		1000µL	0.70%	7	0.30%	3
2-10mL	0.1mL	10mL	0.60%	60	0.20%	20
		5mL	1.20%	60	0.30%	15
		2mL	3.00%	60	0.60%	12

### 8-channel Adjustable Volume Pipettes

Volume Range	Increment	Test Volume	Error limits in accordance with ISO8655-2			
			(Accuracy error)		(Precision error)	
			%	µL	%	µL
0.5-10µL	0.1µL	10µL	1.50%	0.15	1.50%	0.15
		5µL	2.50%	0.125	2.50%	0.125
		1µL	4.00%	0.04	4.00%	0.04
5-50µL	0.5µL	50µL	1.00%	0.5	0.50%	0.25
		25µL	1.50%	0.375	1.00%	0.25
		5µL	3.00%	0.15	2.00%	0.1
50-300µL	5µL	300µL	0.70%	2.1	0.25%	0.75
		150µL	1.00%	1.5	0.50%	0.75
		50µL	1.50%	0.75	0.80%	0.4

### 12-channel Adjustable Volume Pipettes

Volume Range	Increment	Test Volume	Error limits in accordance with ISO8655-2			
			(Accuracy error)		(Precision error)	
			%	µL	%	µL
0.5-10µL	0.1µL	10µL	1.50%	0.15	1.50%	0.15
		5µL	2.50%	0.125	2.50%	0.125
		1µL	4.00%	0.04	4.00%	0.04
5-50µL	0.5µL	50µL	1.00%	0.5	0.50%	0.25
		25µL	1.50%	0.375	1.00%	0.25
		5µL	3.00%	0.15	2.00%	0.1
50-300µL	5µL	300µL	0.70%	2.1	0.25%	0.75
		150µL	1.00%	1.5	0.50%	0.75
		50µL	1.50%	0.75	0.80%	0.4

### Fixed Volume Pipettes

Volume Range	Increment	Test Volume	Error limits in accordance with ISO8655-2			
			(Accuracy error)		(Precision error)	
			%	µL	%	µL
5µL	-	5µL	1.3%	0.065	1.2%	0.06
10µL	-	10µL	0.8%	0.08	0.8%	0.08
20µL	-	20µL	0.6%	0.12	0.5%	0.1
25µL	-	25µL	0.5%	0.125	0.3%	0.075
50µL	-	50µL	0.5%	0.25	0.3%	0.15
100µL	-	100µL	0.5%	0.5	0.3%	0.3
200µL	-	200µL	0.4%	0.8	0.2%	0.4
250µL	-	250µL	0.4%	1.0	0.2%	0.5
500µL	-	500µL	0.3%	1.5	0.2%	1.0
1000µL	-	1000µL	0.3%	3.0	0.2%	2.0
2000µL	-	2000µL	0.3%	6.0	0.15%	3.0
5000µL	-	5000µL	0.3%	15	0.15%	7.5