

# SINGLE CHANNEL PIPETTE



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Single Channel Pipette is the new standard for microliter measurements. It is top of the line micropipette that is ergonomically designed and easily adjustable. They are commonly used in laboratory, research, chemistry, biology, forensic, pharmaceutical, and drug discovery labs to transfer small quantities of liquid.

Used in Environmental Sciences, Laboratory, Research, Liquid Handling Task, Institutes, Pharmaceutical, Industrial, Microbiology, Chemistry, Biology, Medical, Plasmid Purification.

Also known as Micropipette, Laboratory Single Channel Pipette, Laboratory Micropipette.

## PIP13 FIXED VOLUME SINGLE CHANNEL MICROPIPETTE

Large central pipetting button and separate ejection function

True one-handed operation for both right-and left-handers

Completely autoclavable at 121°C(20min)

Volume-change protection

4-Position volume display, always clearly visible externally

Short stroke of only 12.5mm to reduce the risk of RSI (Repetitive Strain Injury)

Corrosion-resistant piston and ejector

Color-coded for easy selection of the right tip



### SPECIFICATIONS

Model	PIP13-1000E	PIP13-0005	PIP13-0010	PIP13-0020
Autoclavable	Ejector 121°C	121°C		
Volume	1000 µl	5 µl	10 µl	20 µl
Accuracy ≤ %	0.8	2	1	
Accuracy ±µl	8	0.1		0.2
CV ≤ %	0.2	0.8	0.5	0.3
CV ±µl	2	0.04	0.05	0.06
Unit	20			

Model	PIP13-0025	PIP13-0050	PIP13-0100	PIP13-0200
Autoclavable	121°C			
Volume	25 µl	50 µl	100 µl	200 µl
Accuracy ≤ %	1			0.8
Accuracy ±µl	0.25	0.5	1	1.6
CV ≤ %	0.3		0.25	0.2
CV ±µl	0.075	0.15	0.25	0.4
Unit	20			

Model	PIP13-0250	PIP13-0500	PIP13-1000	PIP13-0005E
Autoclavable	121°C			Ejector 121°C
Volume	250 µl	500 µl	1000 µl	5 µl
Accuracy ≤ %	0.8			2

Accuracy $\pm\mu\text{l}$	2	4	8	0.1
CV $\leq\%$	0.2			0.8
CV $\pm\mu\text{l}$	0.5	1	2	0.04
Unit	20			

Model	PIP13-0010E	PIP13-0020E	PIP13-0025E	PIP13-0050E
Autoclavable	Ejector 121°C			
Volume	10 $\mu\text{l}$	20 $\mu\text{l}$	25 $\mu\text{l}$	50 $\mu\text{l}$
Accuracy $\leq\%$	1			
Accuracy $\pm\mu\text{l}$	0.1	0.2	0.25	0.5
CV $\leq\%$	0.5	0.3		
CV $\pm\mu\text{l}$	0.05	0.06	0.075	0.15
Unit	20			

Model	PIP13-0100E	PIP13-0200E	PIP13-0250E	PIP13-0500E
Autoclavable	Ejector 121°C			
Volume	100 $\mu\text{l}$	200 $\mu\text{l}$	250 $\mu\text{l}$	500 $\mu\text{l}$
Accuracy $\leq\%$	1	0.8		
Accuracy $\pm\mu\text{l}$	1	1.6	2	4
CV $\leq\%$	0.25	0.2		
CV $\pm\mu\text{l}$	0.25	0.4	0.5	1
Unit	20			



PIP13-1000E



PIP13-0005



PIP13-0010



PIP13-0020



PIP13-0025



PIP13-0050



PIP13-0100



PIP13-0200



PIP13-0250

PIP13-0500

PIP13-1000

PIP13-0005E



PIP13-0010E



PIP13-0020E



PIP13-0025E



PIP13-0050E



PIP13-0100E



PIP13-0200E



PIP13-0250E



PIP13-0500E

## PIP14-0001 STRAW MICROPIPETTE

Large central pipetting button and separate ejection function

True one-handed operation for both right-and left-handers

Completely autoclavable at 121°C(20min)

Volume-change protection

4-Position volume display, always clearly visible externally

Short stroke of only 12.5mm to reduce the risk of RSI (Repetitive Strain Injury)

Corrosion-resistant piston and ejector

Color-coded for easy selection of the right tip



### SPECIFICATIONS

Model	PIP14-0001
Autoclavable	121°C
Volume	0.1-1 ml
Accuracy % Min Vol.	<±2.0 %
Accuracy % Max Vol.	<±0.5 %
Coefficient of variation CV (%) Min Vol.	<2.5 %
Coefficient of variation CV (%) Max Vol.	<0.4 %
Length	240mm
Diameter	4mm(50pcs/bag)
Unit	10

# PIP11 VARIABLE VOLUME SINGLE CHANNEL MICROPIPETTE

- Large central pipetting button and separate ejection function
- True one-handed operation for both right-and left-handers
- Completely autoclavable at 121°C(20min)
- Volume-change protection
- 4-Position volume display, always clearly visible externally
- Short stroke of only 12.5mm to reduce the risk of RSI (Repetitive Strain Injury)
- Corrosion-resistant piston and ejector
- Color-coded for easy selection of the right tip



## SPECIFICATIONS

Model	PIP11-00001	PIP11-00010	PIP11-00020	PIP11-00050
Autoclavable	121°C			
Volume	0.1-1 µl	0.5-10 µl	2-20 µl	5-50 µl
Increment (µl)	0.001	0.01	0.02	0.05
Accuracy* $\leq \pm\%$	2	1	0.8	-
CV* $\leq\%$	1.2	0.5	0.4	-
Unit	20			

Model	PIP11-00100	PIP11-00200	PIP11-01000	PIP11-05000
Autoclavable	121°C			
Volume	10-100 µl	20-200 µl	100-1000 µl	500-5000 µl
Increment (µl)	0.1	0.2	1	5
Accuracy* $\leq \pm\%$	0.6			
CV* $\leq\%$	0.2			
Unit	20			

Model	PIP11-10000	PIP11-00001E	PIP11-00010E	PIP11-00020E
Autoclavable	121°C	Ejector 121°C		
Volume	1000-10000 µl	0.1-1 µl	0.5-10 µl	2-20 µl
Increment (µl)	10	0.001	0.01	0.02
Accuracy* $\leq \pm\%$	0.6	2	1	0.8
CV* $\leq\%$	0.2	1.2	0.5	0.4
Unit	20			

Model	PIP11-00050E	PIP11-00100E	PIP11-00200E	PIP11-01000E
Autoclavable	Ejector 121°C			
Volume	5-50 µl	10-100 µl	20-200 µl	100-1000 µl
Increment (µl)	0.05	0.1	0.2	1
Accuracy* $\leq \pm\%$	-	0.6		
CV* $\leq\%$	-	0.2		
Unit	20			

Model	PIP11-05000E	PIP11-10000E
Autoclavable	Ejector 121°C	
Volume	500-5000 µl	1000-10000 µl
Increment (µl)	5	10
Accuracy* ≤ ±%	0.6	
CV* ≤ %	0.2	
Unit	20	



PIP11-00001



PIP11-00010



PIP11-00020



PIP11-00050



PIP11-00100



PIP11-00200



PIP11-01000



PIP11-05000



PIP11-10000



PIP11-00001E



PIP11-00010E



PIP11-00020E



PIP11-00050E



PIP11-00100E



PIP11-00200E



PIP11-01000E



PIP11-05000E



PIP11-10000E

## PIP12 VARIABLE VOLUME SINGLE CHANNEL MICROPIPETTE

- Large central pipetting button and separate ejection function
- True one-handed operation for both right-and left-handers
- Completely autoclavable at 121°C(20min)
- Volume-change protection
- 4-Position volume display, always clearly visible externally
- Short stroke of only 12.5mm to reduce the risk of RSI (Repetitive Strain Injury)
- Corrosion-resistant piston and ejector
- Color-coded for easy selection of the right tip



### SPECIFICATIONS

Model	PIP12-00001	PIP12-00010	PIP12-00020
Autoclavable	121°C		
Volume	0.1-1 µl	0.5-10 µl	2-20 µl
Increment (µl)	0.001	0.01	0.02
Accuracy* ≤ ±%	2	1	0.8
CV* ≤ %	1.2	0.5	0.4
Unit	20		

Model	PIP12-00050	PIP12-00100	PIP12-00200
Autoclavable	121°C		
Volume	5-50 µl	10-100 µl	20-200 µl
Increment (µl)	0.05	0.1	0.2
Accuracy* ≤ ±%	0.6		
CV* ≤ %	0.2		
Unit	20		

Model	PIP12-01000	PIP12-05000	PIP12-10000
Autoclavable	121°C		
Volume	100-1000 µl	500-5000 µl	1000-10000 µl
Increment (µl)	1	5	10
Accuracy* ≤ ±%	0.6		
CV* ≤ %	0.2		
Unit	20		



PIP12-00001



PIP12-00010



PIP12-00020



PIP12-00050



PIP12-00100



PIP12-00200



PIP12-01000



PIP12-05000



PIP12-10000

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