Multi-Channel Adjustable Volume Pipette

Precipette™

The use of a multi-channel pipette can greatly improve the efficiency and reproducibility for lab scientists working with microplates. Working with 8 channels substantially reduces the number of pipetting steps and improves work efficiency dramatically.

Four E's 8-channel pipette are designed for effortless pipetting due to light weight, light plunger forces and lowest tip ejection forces. The ergonomic design enables longer work periods without fatigue and minimizes the risk of repetitive strain injuries. Four-digit volume display provides accurate volumes setting, and easy visibility. Autoclavable lower section (at 121°C) provides effective decontamination.

Features

- Ergonomic design allows comfortable grip and fatigue-free pipetting
- 4-digit volume display provides accurate volume setting and easy visibility.
- Wide volume range: from 0.5~300µl
- Enjoy minimal tip attachment and ejection forces, minimizing the risk of repetitive strain injuries
- The lower part is autoclavable (at 121°C) to ensure sterility and avoid cross-contamination
- The lower part can be rotated 360° to suit personal preference.
- Easy to disassemble the lower part for replacement or cleaning
- Color-coded control button helps to identify different volume ranges easily
- Equipped with O-ring on the tip cone to ensure a tight seal

① • Low plunger pressure
• Color-coded control button for easy identification of different volumes

② • Light ejection force
• Less fatigue when ejecting tips

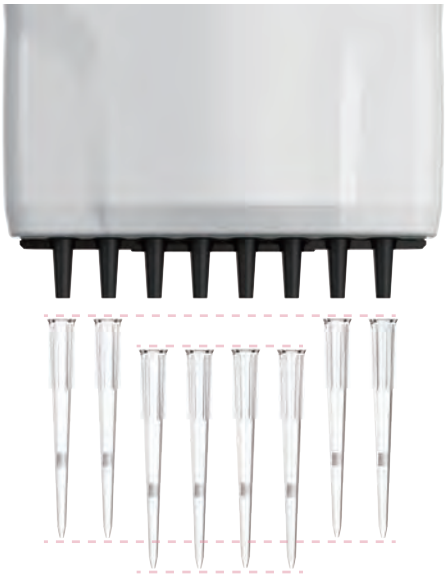
③ • Easy-to-read 4-digit display

④ • The lower part can be easily detachable
• The lower part allows 360° rotation
• Lower part is autoclavable (at 121°C)

⑤ • Slide downwards to open the cover
• Easy to clean and replace pistons or cylinder

⑥ • O-rings to ensure tight seal
• Each tip cone can be individually replaced
• Broadly compatible with various pipette tips on the market

Multi-stage ejection helps to minimize force when ejecting tips



Specifications

Model	Volume Range	Increment	Testing Volume	Maximum permissible systematic error		Maximum permissible random error		
MP10	0.5-10μL	0.01μL	10	2.00%	0.200	1.00%	0.100	
			5	4.00%	0.200	2.00%	0.100	
			1	8.00%	0.080	5.00%	0.050	
MP50	5-50μL	0.05μL	50	1.00%	0.500	0.40%	0.200	
			25	1.50%	0.375	0.80%	0.200	
			5	3.00%	0.150	2.00%	0.100	
MP300	30-300μL	0.5μL	300	0.60%	1.800	0.30%	0.900	
			150	1.00%	1.500	0.50%	0.750	
			30	3.00%	1.500	1.00%	0.500	

Application

A multi-channel pipette is especially used in high-throughput experiments, where multiplesamples or assays need to be processed quickly and accurately. Some common applications of a multi-channel pipette include

Clinical Diagnostics Labs

Biotechnology Labs

Environmental Labs

Food Testing Labs

Chemistry Labs

Pipette tip	Control button color	Number of channel	Autoclavable
10μL	Orange	8	Yes (Autoclavable lower section at 121℃)
200μL	Green		
300μL	Light blue		

Tip Comp

Brand	Volume	Per4mance/Precipette™ S				
		0.1-2μL	0.5-10μL	2-20μL	5-50μL	10-
Eppendorf	0.1-10uL	√	√			
	2-200uL			√	√	
	20-300uL			√	√	
	50-1000uL					
	50-1250uL					
	0.1-5mL					
	0.5-10mL					
Axygen	0.5-10uL	√	√			
	0.5-20uL(10uL long)	√	√			
	200uL			√	√	
	300uL			√	√	
	1000uL					
	1250uL					
	5mL					
	10mL					
Sartorius	0.5-10uL	√	√			
	200uL			√	√	
	300uL			√	√	
	1000uL					
	1250uL					
	5mL					
	10mL					
QSP (Thermo Scientific)	0.1-10uL	√	√			
	0.1-10ul (long)	√	√			
	1-200uL			√	√	
	5-300uL			√	√	
	100-1000uL					
	100-1250uL					
	5mL (wide-bore)					
	10mL					
Gilson	10uL	√	√			
	200uL			√	√	
	300uL			√	√	
	1000uL					
	5mL					
	10mL					

npatibility

™ Single-Channel Pipette					8-CHANNEL		
·100µL	20-200µL	100-1000uL	1-5mL	1-10mL	0.5-10µL	5-50µL	30-300uL
					√		
√	√					√	
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