

Variable Volume

Nominal Volume (µL)	Volume (µL)	Accuracy (%)	Precision (%)	Non-filter Tips (µL)
Single-channel Pipettors				
2	Min. 0.1	±40.0	≤12.0	10
	0.2	±12.0	≤6.0	
	1	±2.7	≤1.3	
	Max. 2	±1.5	≤0.7	
10	Min. 0.5	±4.0	≤2.8	10
	1.0	±2.5	≤1.8	
	5.0	±1.0	≤0.6	
	Max. 10.0	±0.5	≤0.4	
20	Min. 2	±3.0	≤1.5	200
	10	±1.0	≤0.5	
	Max. 20	±0.8	≤0.3	
	Min. 5	±2.5	≤2.0	
50	25	±1.0	≤0.6	200
	Max. 50	±0.8	≤0.4	
	Min. 10	±1.6	≤0.80	
	50	±0.8	≤0.24	
100	Max. 100	±0.8	≤0.20	200
	Min. 20	±1.2	≤0.60	
	100	±0.8	≤0.25	
	Max. 200	±0.6	≤0.20	
200	Min. 50	±1.0	≤0.4	200
	125	±0.8	≤0.3	
	Max. 250	±0.6	≤0.3	
	Min. 100	±1.6	≤0.40	
1,000	500	±0.7	≤0.20	1,000
	Max. 1,000	±0.6	≤0.15	
	Min. 500	±1.2	≤0.50	
	1,000	±0.6	≤0.25	
5,000	2,500	±0.6	≤0.20	5,000
	Max. 5,000	±0.5	≤0.15	
	Min. 1,000	±2.5	≤0.6	
	5,000	±0.8	≤0.3	
10,000	Max. 10,000	±0.5	≤0.2	10,000

Nominal Volume (µL)	Volume (µL)	Accuracy (%)	Precision (%)	Non-filter Tips (µL)
8-channel and 12-channel Pipettors				
8 - 10 12 - 10	Min. 0.5	±10.0	≤8.0	10
	1	±8.0	≤6.0	
	5	±4.0	≤2.0	
	Max. 10	±2.0	≤1.2	
8 - 50 12 - 50	Min. 5	±4.0	≤2.5	200
	25	±3.0	≤1.2	
	Max. 50	±1.6	≤0.6	
	Min. 20	±3.0	≤1.5	
8 - 200 12 - 200	100	±1.5	≤0.8	200
	Max. 200	±1.0	≤0.6	
	Min. 50	±1.6	≤1.5	
	150	±1.2	≤1.0	
8 - 300 12 - 300	Max. 300	±1.0	≤0.6	300

The accuracy and precision were obtained gravimetrically using manufacturer tips performing at least 10 measurements of distilled water at a temperature of 20°C ± 1°C according to EN ISO 8655 standards.

The use of tips from other manufacturers or filter tips may result in incorrect liquid aspiration and require pipettor recalibration.

The design of the pipettor enables the user to recalibrate it according to the information presented in Section 9.