



What is the Microlab 600 Accuracy and Precision?

The Bubble Free Prime syringes are specifically designed for the Microlab 600 to enable the highest Accuracy and Precision. They are Gastight syringes with a unique plunger tip which extends through the termination of the syringe and slightly into the valve. These syringes are designed to reduce dead volume, improve priming, and limit sample carryover.

Syringe Size	Percent Stroke	Accuracy (±)	Precision
10 µL	5% ≤ Stroke < 30%	3.0%	2.0%
	30% = Stroke	2.0%	0.2%
	Stroke = 100%	1.0%	0.2%
25 µL	5% ≤ Stroke < 30%	3.0%	2.0%
	30% = Stroke	1.5%	0.2%
	Stroke = 100%	1.0%	0.2%

Syringe Size	Percent Stroke	Accuracy (\pm)	Precision
50 μ L	5% \leq Stroke < 30%	3.0%	1.5%
	30% = Stroke	1.2%	0.5%
	Stroke = 100%	1.0%	0.2%
100 μ L	5% \leq Stroke < 30%	3.0%	1.5%
	30% = Stroke	1.2%	0.5%
	Stroke = 100%	1.0%	0.2%
250 μ L	5% \leq Stroke < 30%	3.0%	1.5%
	30% = Stroke	1.2%	0.5%
	Stroke = 100%	1.0%	0.2%
500 μ L	1% \leq Stroke < 5%	3.0%	1.5%
	5% \leq Stroke < 30%	1.2%	0.5%
	30% = Stroke	1.0%	0.2%

Syringe Size	Percent Stroke	Accuracy (\pm)	Precision
	Stroke = 100%	1.0%	0.2%
1000 μ L and larger	1% \leq Stroke < 5%	3.0%	1.5%
	5% \leq Stroke < 30%	1.2%	0.5%
	30% = Stroke	1.0%	0.2%
	Stroke = 100%	1.0%	0.2%