

# Accuracy table



The measurements were carried out with BRAND PD-Tips // . Distilled water was used as the test liquid. The nominal volume is the maximum volume printed on the PD-Tip. The tolerances specified in ISO 8655 are not exceeded.

PD-Tip //	Volume range	Accuracy A $\leq \pm$ %			Coefficient of variation CV $\leq$ %		
		Stroke setting $\pm$ % of nominal volume1 $\triangleq$ 1 $\triangleq$ 2%    3 $\triangleq$ 6%    5 $\triangleq$ 10%			Stroke setting $\pm$ % of nominal volume1 $\triangleq$ 1 $\triangleq$ 2%    3 $\triangleq$ 6%    5 $\triangleq$ 10%		
0.1 ml	2 $\mu$ l - 10 $\mu$ l	4.0	2.4	1.6	6.0	3.0	2.0
0.5 ml	10 $\mu$ l - 50 $\mu$ l	2.5	1.5	1.0	2.5	1.5	1.0
1 ml	20 $\mu$ l - 100 $\mu$ l	2.5	1.5	1.0	2.0	1.2	0.8
1.25 ml	25 $\mu$ l - 125 $\mu$ l	2.5	1.4	0.9	2.0	1.1	0.7
2.5 ml	50 $\mu$ l - 250 $\mu$ l	1.8	1.1	0.7	1.5	0.9	0.6
5 ml	100 $\mu$ l - 500 $\mu$ l	1.8	1.1	0.7	1.5	0.9	0.7
10 ml	200 $\mu$ l - 1000 $\mu$ l	1.8	1.1	0.7	2.0	1.2	0.8
12.5 ml	250 $\mu$ l - 1250 $\mu$ l	1.8	1.1	0.8	3.2	2.0	1.4
25 ml	500 $\mu$ l - 2500 $\mu$ l	1.5	0.9	0.6	3.0	1.5	1.0
50 ml	1000 $\mu$ l - 5000 $\mu$ l	1.5	0.8	0.5	5.0	1.8	1.2

