

Combitips advanced® / Multipette® E3 / Multipette® E3x Technical Data

Combitips advanced®	Min. volume	Max. volume	Increment	Volume	Systematic error ¹⁾	Random error ¹⁾
0.1 mL	1 µL	100 µL	0.1 µL	10 µL	± 1.6 %	± 2.5 %
				50 µL	± 1.0 %	± 1.5 %
				100 µL	± 1.0 %	± 0.5 %
0.2 mL	2 µL	200 µL	0.2 µL	20 µL	± 1.3 %	± 1.0 %
				100 µL	± 1.0 %	± 1.0 %
				200 µL	± 1.0 %	± 0.5 %
0.5 mL	5 µL	500 µL	0.5 µL	50 µL	± 0.9 %	± 0.8 %
				250 µL	± 0.9 %	± 0.5 %
				500 µL	± 0.9 %	± 0.3 %
1 mL	10 µL	1 mL	1 µL	100 µL	± 0.9 %	± 0.55 %
				500 µL	± 0.6 %	± 0.2 %
				1,000 µL	± 0.6 %	± 0.3 %
2.5 mL	25 µL	2.5 mL	2.5 µL	250 µL	± 0.8 %	± 0.45 %
				500 µL	± 0.5 %	± 0.30 %
				2,500 µL	± 0.5 %	± 0.15 %
5 mL	50 µL	5 mL	5 µL	500 µL	± 0.8 %	± 0.35 %
				1,000 µL	± 0.50 %	± 0.25 %
				5,000 µL	± 0.50 %	± 0.15 %
10 mL	100 µL	10 mL	10 µL	1,000 µL	± 0.5 %	± 0.25 %
				5,000 µL	± 0.4 %	± 0.25 %
				10,000 µL	± 0.4 %	± 0.15 %
25 mL	250 µL	25 mL	25 µL	2,500 µL	± 0.3 %	± 0.35 %
				5,000 µL	± 0.3 %	± 0.25 %
				25,000 µL	± 0.3 %	± 0.15 %
50 mL	500 µL	50 mL	50 µL	5,000 µL	± 0.3 %	± 0.50 %
				10,000 µL	± 0.3 %	± 0.20 %
				50,000 µL	± 0.3 %	± 0.15 %

¹⁾ The data for systematic and random errors, according to EN ISO 8655, only apply if original Eppendorf Combitips advanced are used.

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