

# Combitips advanced<sup>®</sup> / Multipette<sup>®</sup> M4 Technical Datas

**Technical specifications** (information refers to the Multipette M4/Combitips advanced system)

Combitips advanced	Min./max. volume	Increment/step size	Max. dispensing volume	Volume	Systematic error* <sup>1</sup>	Random error* <sup>1</sup>
0.1 mL	1 µL	1 µL	20 µL	2 µL	±1.6%	±3.0%
	20 µL			±1.0%	±2.0%	
0.2 mL	2 µL	2 µL	40 µL	4 µL	±1.3%	±2.0%
	40 µL			±0.8%	±1.5%	
0.5 mL	5 µL	5 µL	100 µL	10 µL	±0.9%	±1.5%
	100 µL			±0.8%	±0.6%	
1 mL	10 µL	10 µL	200 µL	20 µL	±0.9%	±0.9%
	200 µL			±0.6%	±0.4%	
2.5 mL	25 µL	25 µL	500 µL	50 µL	±0.8%	±0.8%
	500 µL			±0.5%	±0.3%	
5 mL	50 µL	50 µL	1,000 µL	100 µL	±0.6%	±0.6%
	1,000 µL			±0.5%	±0.25%	
10 mL	100 µL	100 µL	2,000 µL	200 µL	±0.5%	±0.6%
	2,000 µL			±0.5%	±0.25%	
25 mL	250 µL	250 µL	5,000 µL	500 µL	±0.4%	±0.6%
	5,000 µL			±0.3%	±0.25%	
50 mL	500 µL	500 µL	10,000 µL	1,000 µL	±0.3%	±0.5%
	10,000 µL			±0.3%	±0.3%	

\*<sup>1</sup> The data for imprecision (random error) and inaccuracy (systematic error) according to EN ISO 8655 only apply when using original Eppendorf Combitips advanced.

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