

Combitips advanced® / Repeater® M4 Technical Data

| Eppendorf Combitips advanced® | Min. volume | Max. volume | Increment | Volume | Systematic error ¹⁾ | Random error ¹⁾ |
|-------------------------------|-------------|-------------|-----------|-----------|--------------------------------|----------------------------|
| 0.1 mL | 1 µL | 20 µL | 1 µL | 1 µL | ±8.0 % | ±13.0 % |
| | | | | 2 µL | ±1.6 % | ±3.0 % |
| | | | | 10 µL | ±1.2 % | ±2.4 % |
| | | | | 20 µL | ±1.0 % | ±2.0 % |
| 0.2 mL | 2 µL | 40 µL | 2 µL | 2 µL | ±6.0 % | ±8.0 % |
| | | | | 4 µL | ±1.3 % | ±2.0 % |
| | | | | 20 µL | ±0.8 % | ±1.5 % |
| | | | | 40 µL | ±0.8 % | ±1.5 % |
| 0.5 mL | 5 µL | 100 µL | 5 µL | 5 µL | ±4.0 % | ±8.0 % |
| | | | | 10 µL | ±0.9 % | ±1.5 % |
| | | | | 50 µL | ±0.8 % | ±0.8 % |
| | | | | 100 µL | ±0.8 % | ±0.6 % |
| 1 mL | 10 µL | 200 µL | 10 µL | 10 µL | ±4.0 % | ±8.0 % |
| | | | | 20 µL | ±0.9 % | ±0.9 % |
| | | | | 100 µL | ±0.6 % | ±0.6 % |
| | | | | 200 µL | ±0.6 % | ±0.4 % |
| 2.5 mL | 25 µL | 500 µL | 25 µL | 25 µL | ±4.0 % | ±8.0 % |
| | | | | 50 µL | ±0.8 % | ±0.8 % |
| | | | | 250 µL | ±0.6 % | ±0.6 % |
| | | | | 500 µL | ±0.5 % | ±0.3 % |
| 5 mL | 50 µL | 1.000 µL | 50 µL | 50 µL | ±3.0 % | ±5.0 % |
| | | | | 100 µL | ±0.6 % | ±0.6 % |
| | | | | 500 µL | ±0.5 % | ±0.5 % |
| | | | | 1.000 µL | ±0.5 % | ±0.25 % |
| 10 mL | 100 µL | 2.000 µL | 100 µL | 100 µL | ±3.0 % | ±4.0 % |
| | | | | 200 µL | ±0.5 % | ±0.6 % |
| | | | | 1.000 µL | ±0.5 % | ±0.4 % |
| | | | | 2.000 µL | ±0.5 % | ±0.25 % |
| 25 mL | 250 µL | 5.000 µL | 250 µL | 250 µL | ±3.0 % | ±3.0 % |
| | | | | 500 µL | ±0.4 % | ±0.6 % |
| | | | | 2.500 µL | ±0.3 % | ±0.5 % |
| | | | | 5.000 µL | ±0.3 % | ±0.25 % |
| 50 mL | 500 µL | 10.000 µL | 500 µL | 500 µL | ±6.0 % | ±10.0 % |
| | | | | 1.000 µL | ±0.3 % | ±0.5 % |
| | | | | 5.000 µL | ±0.3 % | ±0.5 % |
| | | | | 10.000 µL | ±0.3 % | ±0.25 % |

¹⁾ The data for systematic and random errors, according to EN ISO 8655, only apply if original Eppendorf Combitips advanced are used. Technical specification are subject to change. Errors and omissions excepted.

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