

# Combitips advanced® / Multipette® plus Technical Datas

## Technical specifications

| Combitips advanced | Min./max. volume | Increment/step size | Max. dispensing volume | Volume   | Systematic error*1 | Random error*1 |
|--------------------|------------------|---------------------|------------------------|----------|--------------------|----------------|
| 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%              |                |

\*1 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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 Eppendorf AG · 22331 Hamburg · Germany  
[eppendorf@eppendorf.com](mailto:eppendorf@eppendorf.com) · [www.eppendorf.com](http://www.eppendorf.com)

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