



Eppendorf MixMate®

eppendorf

Eppendorf MixMate®

Our Youngest One Gives Adult Results

Every day numerous samples of different sizes are mixed in laboratories. Mixing is without doubt one of the most important basic applications. It's routine. But as any scientist will tell you not all forms of mixing are the same. The success of an experiment is largely influenced by sample preparation.

The Eppendorf MixMate combines the precision of complete and efficient mixing of even the smallest volumes with the speed, versatility and reproducibility required by users.

Convincing arguments in favor of the Eppendorf MixMate:

- Extremely fast mixing results
- Extremely quiet operation
- ^{2D}Mix-Control provides optimized mixing with anti-spill technology

More information on the MixMate can also be found online:

www.eppendorf.com/mixmate



Adding Intelligent Technology to the Mix



Versatility Comes Standard

The 3-in-1 mixer for plates, tubes and vortex mixing

The Eppendorf MixMate offers a variety of options and maximum versatility when working with different tube and plate formats:

Plates (up to 96 and 384 wells)

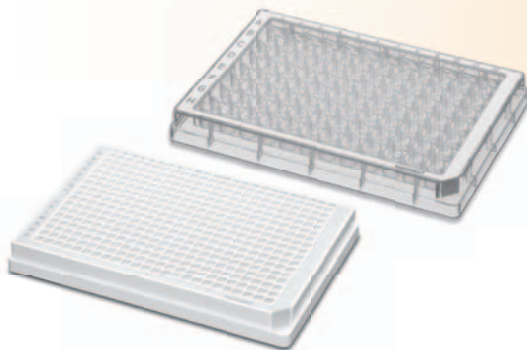
- PCR Plates (skirted, semi-skirted, unskirted)



- Deepwell Plates



- Microplates

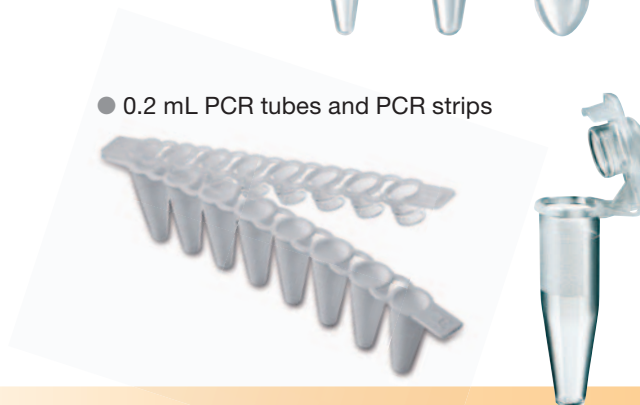


Tubes

- 0.5 mL tubes
- 1.5 mL tubes
- 2.0 mL tubes



- 0.2 mL PCR tubes and PCR strips



Integrated vortex function

for numerous tube formats



For more details and ordering information on Eppendorf consumables go to:
www.eppendorf.com/consumables

Go into Detail!

Applications

- Mixing restriction preparations, calorimetric assays and PCR preparations
- Resuspending pellets (bacteria, DNA, cell cultures)
- Blending viscous liquids and suspensions (incl. beads)
- Immunoassays
- Solubility tests
- Vortexing various tube formats

Further and more detailed information can be found in the Eppendorf Application Notes:

www.eppendorf.com/mixmate-application

Advantages/product features

- Efficient mixing in less than 1 min*
- Flexible selection with tubes and plates
- Most effective plate mixing of 96 to 384 wells
- 2ndMix-Control for controlled mixing of the smallest volumes
- Anti-spill technology prevents lid wetting and cross contamination
- Integrated vortex function for mixing individual tubes
- Minimal hand-arm vibration transfer during vortexing (Eppendorf PhysioCare Concept)
- Preprogrammed softkeys ensure optimal mixing parameters
- Automatic imbalance detection prevents sample loss
- Extremely quiet running ensures a quiet laboratory

*valid for most applications



Eppendorf MixMate®

Technical specifications

| | | | |
|-------------------------------|-----------------|------------------------------------|--|
| Mains connection | 230 V, 50–60 Hz | Mixing frequency | 300 to 3,000 rpm (in 50 rpm increments) |
| Power consumption | 40 W | Touch vortexing frequency | 3,500 rpm |
| Dimensions (W × D × H) | 17 × 23 × 13 cm | Adjustable mixing time | 15 s to 99.5 h; continuous |
| Weight | 4.2 kg | Mixing and vortexing radius | 1.5 mm (3 mm mixing stroke) |
| Noise level | <50 dB(A) | Programs | 5 (pre-defined) |

Technical specifications subject to change.

Ordering information

| Description | Order no. |
|--|--------------|
| MixMate® , incl. 3 tube holders: PCR 96, 0.5 mL, 1.5/2.0 mL | 5353 000.014 |
| Tube holder PCR 96 , for 96 × 0.2 mL PCR tubes, PCR strips or 96-well PCR plates, semi-skirted or unskirted | 5353 040.113 |
| Tube holder 0.5 mL , for 24 × 0.5 mL tubes | 5353 040.121 |
| Tube holder 1.5/2.0 mL , for 24 × 1.5 mL or 2.0 mL tubes | 5353 040.130 |



Temperature Control & Mixing Performance Plans (order numbers for listed services)

| | MixMate® |
|--|--------------|
| Recommended service period is once per year | |
| Preventive maintenance: | |
| Preventive maintenance* ¹ | 5350 997.026 |
| Certification service: | |
| Preventive maintenance* ¹ plus Operational Qualification (OQ) | 5350 997.069 |
| Electrical testing according to country-specific regulations | 5350 997.107 |
| Additional services: | |
| Oscillation frame exchange and adjustment* ² | 5350 997.115 |

*¹ Spare parts – apart from wear and tear parts – that may be required are not included and will be invoiced additionally.

*² Including oscillation frame.

For more information, service requests and local offers go to www.eppendorf.com/epservices

Performance Plans are available in selected countries only and may differ in terms of the services offered.

Please check with your local distributor about options to extend your warranty.



Your local distributor: www.eppendorf.com/worldwide

Eppendorf AG Hamburg · Germany · E-mail: eppendorf@eppendorf.com

Application Support Europe: Tel: +49 1803 666 789 (Preis je nach Tarif im Ausland; 9 ct/min aus dem dt. Festnetz; Mobilfunkhöchstpreis 42 ct/min)
E-mail: support@eppendorf.com

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