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The ^{2D}Mix–Control technology mixes liquids in a controlled, circular movement. Orbital circular paths with a diameter of 3 mm and up to 3,000 rpm: Generates excellent mixing performance, even for challenging samples. The MixMate provides enough mixing power to handle also challenging mixing tasks. Most samples are efficiently mixed within less than a minute independent of vessel geometry or sample properties.

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Features

- High-speed mixer (3,000 rpm) for fast and efficient mixing of small volumes in all common vessel formats up to 50 mL
- ^{2D}Mix–Control technology (planar mixing orbit without vertical movement) for controlled mixing and reproducible results in seconds
- Anti-spill technology for controlled mixing movements without lid wetting and cross-contamination
- 5 different tube holders (0.5 mL, 1.5/2.0 mL, 5/15 mL, 30/50 mL, PCR 96-well plates) for high vessel flexibility
- Integrated ergonomic vortex function for various vessel formats for distinct sample mixing
- Minimal hand/arm vibration transfer during vortexing (certificate available) for ergonomic operation (PhysioCare Concept®)
- 5 soft keys with pre-defined standard mixing parameters for easy usage
- Very stable - remains stationary even at maximum mixing speed
- Whisper quiet operation to benefit the work environment

Max. speed	3,000 rpm
Mixing and vortexing radius	1.5 mm
Mixing frequency	300 – 3,000 rpm

Mixing orbit	3 mm
Touch vortex frequency	3,500 rpm
Sample capacity	max. 96 × 0.2 mL, 24 × 0.5 mL, 24 × 1.5 mL, 24 × 2.0 mL, 8 × 5/15 mL, 4 × 20 mL, 1 × PCR plate
Timer	15 s – 99.3 h, continuous
Noise level	<50 dB(A)
Power supply	230 V, 50 – 60 Hz
Max. power consumption	40 W
Dimensions (W × D × H)	17.0 × 23.0 × 13.0 cm / 6.7 × 9.1 × 5.1 in
Weight w/o accessories	4.2 kg / 9.2 lb

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