

Corning® LSE™ Nutating Mixer

Three-dimensional gentle mixer

CORNING



Tubes may be placed directly on the dimpled mat. The dimple pattern is configured to allow blood tubes and centrifuge tubes to rotate at a fixed 20 degree angle in a secure manner.

The Corning LSE Nutating Mixer is a compact mixer that combines the motion of an orbital shaker and a platform rocker to produce a continuous three-dimensional agitation. The output demonstrates a thorough yet gentle mix without foaming. This mixer is safe to use in temperature-controlled environments.

The pitch and speed of the Corning Nutating Mixer are designed to provide the optimal motion for mixing and resuspending samples in small volume vessels such as blood and centrifuge tubes. The dimpled mat on the platform surface holds tubes firmly in place while the unit is powered on. The mat exhibits an array of tube capacity as it can hold 60 x 1.5 mL tubes, 30 pediatric blood tubes (3 mL), 21 standard blood tubes (7 mL), 17 x 15 mL or 9 x 50 mL tubes.

Features and Benefits

- ▶ Ideal for mixing large strands of DNA into solution in microcentrifuge tubes or mixing blood into a buffer in large centrifuge tubes
- ▶ Small footprint
- ▶ 3D motion is ideal for mixing and resuspending samples
- ▶ Safe for cold room or incubator use



Specifications

Mixing Action	3-dimensional rocking motion
Mixing Speed	24 rpm fixed (120V) 20 rpm fixed (230V)
Platform Tilt Angle	20 degrees fixed
Platform Dimensions	9.5 x 6.75 in. (24 x 17 cm)
Mixer Dimensions (L x W x H)	9.5 x 5.75 x 6.75 in. (24 x 14.6 x 17 cm)
Mixer Weight	1.88 lbs. (0.85 kg)
Platform Load Capacity	1.75 lbs. (0.8 kg) balanced
Platform Capacity without Stacking	60 x 1.5 mL microcentrifuge tubes 30 x 3 mL pediatric blood tubes 17 x 15 mL centrifuge tubes 21 x 7 mL standard blood tubes 9 x 50 mL centrifuge tubes
Ambient Operating Range	4°C to 40°C, up to 80% humidity, non-condensing
Electrical	120V, 50/60Hz, 0.03 amps 230V, 50/60Hz, 0.015 amps

Ordering Information

Corning® LSE™ Nutating Mixer

Cat. No.	Description	Qty/Cs
6720	Corning LSE Nutating Mixer with dimpled mat	1

For more specific information on claims, visit the Certificates page at www.corning.com/lifesciences.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

For additional product or technical information, visit www.corning.com/lifesciences or call 800.492.1110. Outside the United States, call +1.978.442.2200 or contact your local Corning sales office.

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