

3D NUTATING MIXER

Quiet three-dimensional mixing at a fixed 24 rpm and 20° tilt, on a 9 × 7 in platform that works on the bench, in an incubator or in a cold room.

8 × 50 mL TUBES

Holds up to eight 50 mL tubes at once.

LARGE PLATFORM

9 × 7 in holds tubes, microplates, petri dishes and culture flasks together.

FIXED 24 RPM

The same motion every run for reproducible results.

GENTLE 3D MOTION

A 20° nutating motion mixes thoroughly without foaming.

INCUBATOR AND COLD ROOM SAFE

Works as reliably at 4°C or 37°C as on the bench.

QUIET

Low noise suits shared labs and overnight runs.

COMPACT

A 9.5 × 6.9 in footprint and 4 lb weight.

MIXED LOADS

Tubes, plates, dishes and flasks share the platform.

LOW POWER

Draws just 20 W for continuous running.

24 rpm

SPEED

20°

TILT

9 × 7 in

PLATFORM

2.2 lb

MAXIMUM LOAD

GENTLE, THOROUGH MIXING
ANYWHERE IN THE LAB

The NM-3D is a compact nutating mixer for gentle three-dimensional mixing. A fixed 24 rpm speed and 20° tilt deliver the same motion every run, whether on the bench, in an incubator or in a cold room.

Its 9 × 7 in platform takes 2 to 50 mL tubes, microplates, petri dishes and culture flasks at the same time.

WHY NUTATION

A nutating platform tilts in a slow, circular wobble. Liquids roll gently around the vessel instead of being shaken, mixing thoroughly while limiting foaming and shear.

READY TO RUN AROUND THE CLOCK

With no timer to set, it mixes continuously in an incubator or cold room for as long as the protocol requires.

APPLICATIONS

Serum and blood tube mixing, DNA resuspension, hybridization and sample preparation.

SPECIFICATIONS

Speed	24 rpm, fixed
Motion	3D nutation at 20°
Platform	9 × 7 in
Maximum load	2.2 lb
Capacity	60 × 2/5 mL, 30 × 3 mL, 16 × 10 mL, 10 × 15 mL or 8 × 50 mL tubes
Power	20 W
Voltage	110V, 60Hz
Dimensions (L × W × H)	9.5 × 6.9 × 6.0 in
Weight	4.0 lb

ORDERING INFORMATION

Catalog no.	Description
NM-3D	Novara TM 3D Nutating Mixer, 24 rpm

COMPARE NOVARA SAMPLE MIXERS

	TRT006	DRM08	R1000	NM-3D
Motion	Rolling with ±5° tilt	Rolling with ±11° rocking	Long-axis rotation	3D nutation at 20°
Speed	20–80 rpm	36 rpm, fixed	20–80 rpm	24 rpm, fixed
Largest load	10 × 50 mL or 6 × 100 mL	Up to 8 vacuum tubes	4 × 50 mL	8 × 50 mL
Timer	Up to 99 h 59 min	None, runs continuously	Up to 99 min 59 s	None, runs continuously
In incubators or cold rooms	Yes	Yes	Yes	Yes