

## 3D, "Sunflower" Mini-Shaker

"Sunflower" 3D Mini-Shaker provides adjustable three-dimensional smooth rotation of the platform. The platform is suitable for placing a versatile dimpled PDM mat for different size tubes.

The Mini-Shaker is a compact device with low energy consumption. Non-slip rubber mat (supplied with product) on the shaker platform provides stable position for vessels during shaking.

Use of direct drive and brushless motor allows continuous mixing during up to 7 days and guarantees reliable operation for more than 2 years.

The Mini-Shaker is designed for mixing blood samples, for minigel staining and destaining, sample washing, blot hybridization reaction.

Mini-Shaker can be used in cold rooms or incubators, operating at ambient temperature range +4°C to +40°C.



Product video is available  
on the website



3D — uni-rotation

### Specifications:

Speed control range	5–60 rpm
Fixed tilt angle	7°
Direct drive mechanism	
Max. continuous operation time	168 hrs
Maximum load	0.5 kg
Platform working area	200 × 200 mm
Overall dimensions (W × D × H) with platform installed	235 × 235 × 140 mm
Weight	1.2 kg
Input current/power consumption	12 V, 260 mA/3.1 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V
Warranted service life	24 months

### Accessories for the standard platform:

Optional dimpled mat PDM prevents different size tubes from rolling around the platform.

### Catalogue number:

3D with standard platform Bio PP-4S	BS-010151-AAG
PDM	PDM

### 3D with a gel tank



### PDM, dimpled mat

