

3D Shaker S3D-1



Rimek 3D Shaker Mixer/blender provides a time-efficient and cost-effective method for powder and liquid mixing/blending. The solid rotary mechanism produces a uniform blend of ingredients for a wide range of pharmaceutical drugs & different materials, such as powders and fluids. It is used in any industry and application, especially in Pilot scale and analytics. It's used for homogeneous mixing of powdery substances with different specific weights and particles size. Producing dry to wet & wet to wet mixers is also possible. The production process is hygienic and dust-free because the product is mixed in an independent container. The exceptional efficiency of the 3D-Shaker Mixer turns in a three-dimensional motion for gentle constant and reproducible mixing results and the product is subjected to an ever-changing, rhythmically pulsing motion.

The result meets the highest requirement and is achieved in a minimum of time.

The mixers' housing is made of steel. Safety Guard connected to the safety switch ensures no harm can be done while the mixer is running.

Salient Features

- Sturdy GMP construction, Compact Design – Ideal for smaller Lab Areas.
- Low maintenance, easy-clean design.
- Machine is Designed for continuous operation.
- Blending extremely heavy powders with very light ones
- Gently blending fragile granules without crumbling
- Successfully mixing particles of different diameter
- Powder mixing is performed in a closed container which ensures that even toxic materials can be blended successfully
- The closed container ensures that the powder blending is dust free
- Simple to operate & Easy Clean Design.
- All the product contact parts are made from Stainless steel 316.
- Non-contact parts and the outer surface are of stainless steel 304.
- Easy changeable Containers.

Technical Specification

Model	S3D-1	
Complies	cGMP	
Capacity of Supplied	Liters (BD-1 g/cm³) Gross	kg (BD-0.6 g/cm³) Gross
(Interchangeable Container)	1.8 Ltr.	0.8 kg
	1.2 Ltr. - Interchangeable	0.5 kg
	0.5 Ltr. - Interchangeable	0.2 kg
	0.2 Ltr. - Interchangeable	0.1 kg
Working Capacity-50%		
Speed range	Variable 2-26 rpm	
Motor	0.25 hp	
Material of Construction	Product contact parts – SS 316L Finish of Product contact parts is $\leq 0.4 \mu\text{m}$ Product contact parts – Electro polished Non-contact parts – SS 304 Polymers – food grade PTFE	
Approx. Overall Dimensions	715 L x 515 B x 495 h (mm)	
Net Weight	52 kg	