

SBH-I Series Three-Dimensional Motion Mixer



The SBH-I Micro Three-Dimensional Mixer is designed for mixing freely flowing powder or granular materials to achieve a high level of uniformity among substances with different physical properties. It is also capable of mixing various liquids. This model is especially suitable for laboratory use. Its application fields include the pharmaceutical, chemical, food, electronic technology, sintered metal, ceramic, and cosmetics industries.

During operation, the mixing drum performs multidirectional movements, which enhance the flow and diffusion of materials. At the same time, it avoids the segregation and accumulation caused by centrifugal force that commonly occur in conventional mixers. As a result, the machine achieves an optimal combination of the shortest mixing time and the highest mixing uniformity.



Features

- ✓ **High Uniformity:** Multi-directional 3D motion ensures thorough blending without material segregation.
- ✓ **Increased Capacity:** Supports usable loads over twice that of conventional mixers.
- ✓ Polished stainless steel mixing containers prevent contamination.
- ✓ Removable design allows for quick discharge, easy cleaning, and no residue buildup.
- ✓ Sealed operation contains particles, maintaining a clean and safe work environment.
- ✓ Infinitely adjustable speed and programmable timer enable precise, repeatable mixing cycles.

Specifications

Container Volume	1 L
Usable Capacity	90% of total volume
Optimal Capacity	80% of total volume
Rotation Speed	10–25 r/min
Weight	15 kg
Overall Dimensions	50 × 22 × 22 cm (L × W × H)
Power	50 W
Voltage	Single-phase 110/220 V, 50/60 Hz