

Innovative and Advanced Planetary Centrifugal Mixer  
with degassing function

# SK-300SII

**Mixing • Degassing • Dispersion • Kneading**

Compact Model Compatible with a Variety of Applications



Mode  
setting

**Mixing Mode / Degassing Mode / Medium Mode**

Maximum  
throughput

300ml×1cup Maximum 310g (Gross Weight)

High-speed  
processing

Carry out mixing of various materials of low to high viscosity  
in a shot time (from ten seconds to several minutes)

Easy  
operation

Simple structure and easy operation

Balance  
adjustment

Equipped with Balance Navigation Function

Unique  
function

**Wave Mode**

Unique technology

**Development**

Automobile

**Inspection**

Energy

Electronics

Medical

Cosmetic

**Production**

Food

Research organization

## From low to high viscosity, and from mixing to degassing, a wide range of situation can be used



### Selecting an Optimum Mode by Application

#### Mixer mode

The most effective mode for mixing.

Low to high viscosity materials are mixed by increasing the speed of rotation.

#### Degassing mode

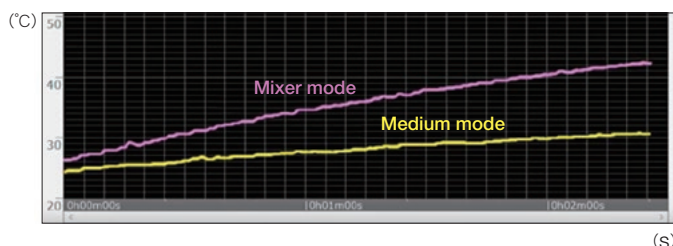
The most effective mode for degassing.

Degassing is performed by the powerful centrifugal force of revolution in a short time.

#### Medium Mode

Effective for mixing and deforming materials that are sensitive to temperature or easily separated. It solves issues such as:

- ☒ The material temperature rises too much in mixing mode.
- ☒ The centrifugal force is too strong, and the materials separate in degassing mode.
- ☒ Needs to minimize air bubbles while mixing.

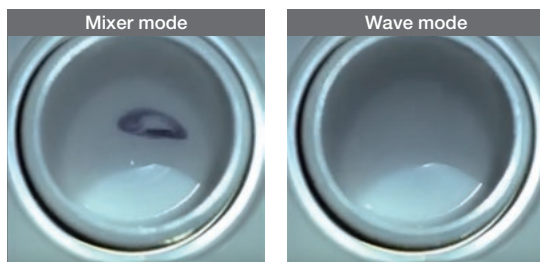


#### Wave Mode\*

Accelerates and decelerates the speeds of revolution and rotation.

The turbulent flows of the materials due to waves prevent the materials from stagnating. Highly effective for mixing low to medium viscosity materials, leading to a shorter processing time.

Scan here for  
the comparison  
test video!



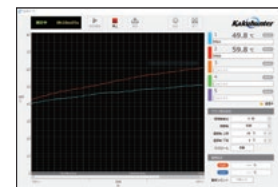
### Adapters Enable the Use of Small Volume Containers

We also have a wide selection of adapters compatible with various containers, such as disposable cups, paper containers, and syringes.



### Non-contact Temperature Sensor (optional)

Monitors temperatures of materials being mixed in a non-contact manner. Use this sensor to establish mixing conditions and other applications.



### Specifications

Container specification		300ml × 1cup Less then 30cc syringe with adapter
Maximum throughput		310g × 1cup
Other container		Depending on adapters, it enables to use various container or syringe.
No. of revolutions	Mixer mode	200~2000rpm
	Medium mode	200~2000rpm
	Degassing mode	400~2200rpm
No. of rotations	Mixer mode	follows at 40% of revolutions
	Medium mode	follows at 20% of revolutions
	Degassing mode	follows at 3% of revolutions
Time of setting		Maximum 30 minutes (Total 9steps)
Step mode		Continuous operation with 9 different action patterns (Condition setting) possible.
Memory (Condition memory function)		User Setup Channel: 7CH Fixed Data Channel: 3CH
Power supply voltage		Single Phase AC100-120VAC±10% / AC200-240VAC±10% 50/60Hz
Power consumption		0.4kW/1.38kW
External dimension		W340 × D315 × H370 (mm)
Weight		Approx. 24kg

\* Wave mode has revolving speed limitation (Revolution: 1,000-1,790 rpm/ Rotation: about 400-716rpm)

\* Detailed specification may change without prior notice.

Kindly browse to our website for the latest information, inquiry and brochure on Kakuhunter

<https://www.kakuhunter.com/en/>

(Manufacturer)

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