

THINKY

높은 중력가속도를 이용하여
10분 이내에 모든 재료를
혼합/탈포가 가능한 **믹서기**

공전과 자전으로 인한 높은 중력가속도로,
아주 짧은 시간에 모든 재료를 혼합할 수
있는 장비로서, 400G의 혼합모드와 510G의
탈포모드를 내장하여 동시에 교반 및 탈포
기능을 처리할 수 있는 장비입니다.
최대 240ml/310g 처리 능력의 실험실용
소형 모델로서, Metal paste, 레진, 화장품재료 등
의 고점도재료 혼합/탈포에 최적화된 장비입니다.

특징

- 점도가 높은 재료나 나노필러를 포함한 다양한 재료의 혼합 및 탈포 가능
- 최대 400G의 믹싱모드와 510G의 탈포모드로 강력한 교반 및 탈포가 가능.
- 다양한 실험 조건들을 저장할 수 있는 15가지 메모리 기능 적용.
- 최대 2000 RPM의 강력한 혼합력

규격

- 규격 : H390 x W300 x D340 (mm)
- 중량 : 약 21kg
- 최대 처리 가능량 : 240ml / 310g
- 전압 : 1P, AC 230V $\pm$ 10%, 50/60Hz
- 소비전력 : 최대 900W

ARE-310S THINKY Mixer



최대처리용량
240ml

최대처리중량
310g

공정가속도
510G

회전수
가변

기압조건
대기압

Vertical Alignment (VA) panel & Impact sensor



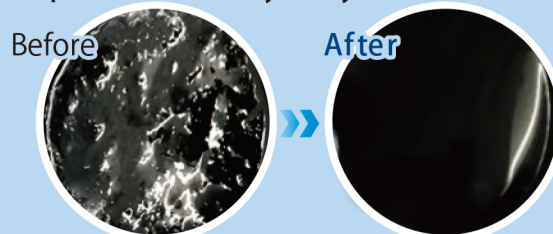
The intuitive operation interface and VA panel display the rotation speed in real time during operation, providing high visibility and high contrast.

Impact sensor

The addition of a shock sensor further improves safety during use.

Application

Preparation of Battery Slurry



If the conductive material exhibits agglomeration or poor dispersion, the uniformity of electrical conductivity may be affected. Therefore, prior to coating, a THINKY mixer is used to perform defoaming and dispersion to condition the material to an appropriate state.

Optional

ENs-10CE

Cooling system for THINKY MIXER

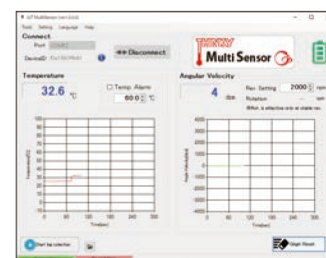
ARE-310SCE can be operated continuously by exhaust heat



Multi-Sensor

Material temperature and speed can be measured in real time

Data transfer to PC via Bluetooth connection



Display image

Specifications

Product name		Planetary Centrifugal Mixer "THINKY MIXER"
Model		ARE-310SCE
System		Planetary propeller-less mixing
Operation Time Setting		Timer setting range: 0 s to 30 min in 1 s increments
Programming Function		STD mode: 2 steps / 5 recipes STEP mode: 10 steps / 15 recipes
Revolution Speed	Mixing mode	STD mode 2000 rpm (fixed) STEP mode 0, 200 to 2000 rpm (Adjustable in 10-rpm increments)
	Defoaming mode	STD mode 2200 rpm (fixed) STEP mode 0, 400 to 2200 rpm (Adjustable in 10-rpm increments)
Rotation Speed	Mixing mode	Maximum of 800 rpm (Approx 0.4 revolution-to-rotation ratio)
	Defoaming mode	Maximum of 60 rpm (Approx 0.03 revolution-to-rotation ratio)

Standard Container*1		300 mL, 150 mL with adapter
Maximum Capacity*2		300 mL container: Net weight: Up to 250 mL / 250 g Gross weight: Up to 250 mL / 310 g 150 mL container: Net weight: Up to 120 mL / 200 g Gross weight: Up to 120 mL / 310 g
Power Supply	Voltage	Single-phase AC 230 V $\pm$ 10 %, 50/60 Hz
	Power Consumption	Approx. 50 VA (standby) Max 900 VA (operation)
Operating Environment		10 to 35 °C, 35 to 85 % RH (without condensation)
Safety Mechanism*3		Lid locking sensor, Lid sensor, Vibration sensor, Speed sensor
Unit Dimensions		H390 × W300 × D340 (mm)
Unit Weight		Approx. 21 kg

*1: Contact us because the actual volume of mixing may vary depending on the containers, materials, and conditions.

*2: Total mass to mount on the cup holder, including materials, containers, and adapters.

*3: Products are shipped and delivered in a locked state. Release the lock before use.

Product appearance/specifications may change without notice.