
LABORATORY SOLUTION

Planetary Centrifugal Mixer & Paste Mixer

THINKY MIXER

페이스트믹서 & 고점도믹서

Main Products

THINKY made in Japan

The Expert of Paste, High-viscosity Mixing & De-foaming.



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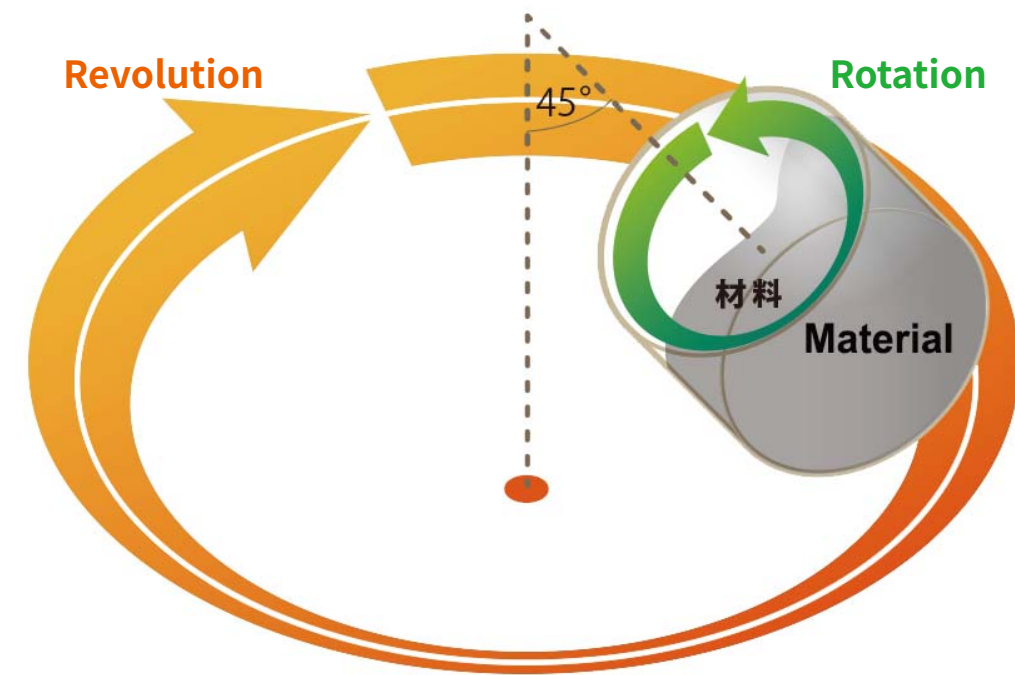


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Mechanism of Planetary Centrifugal Mixer - THINKY MIXER

Revolution Power to accelerate de-foaming Rotation Power to accelerate mixing



THINKY MIXER의 원리

원심력 (Centrifugal force)을 이용
공전 (Revolution)과 동시에 반대방향으로 자전 (Rotation) 을 이용하여 고점도 샘플의 교반 및 탈포

고점도 물질의 효과적인 Mixing & Dispersion

공전 (Revolution)에 의해서 Sample 내의 비중이 높은 물질부터 분리되기 시작하는데, 이때 동시에 자전 (Rotation)을 시작하게 되면, 이 자전 (Rotation)이 분리되기 시작한 비중이 높은 물질을 다시 Sample의 맨 윗부분으로 이동하게 하여 원심분리 되지 않고, Sample이 Mixing 되도록 함

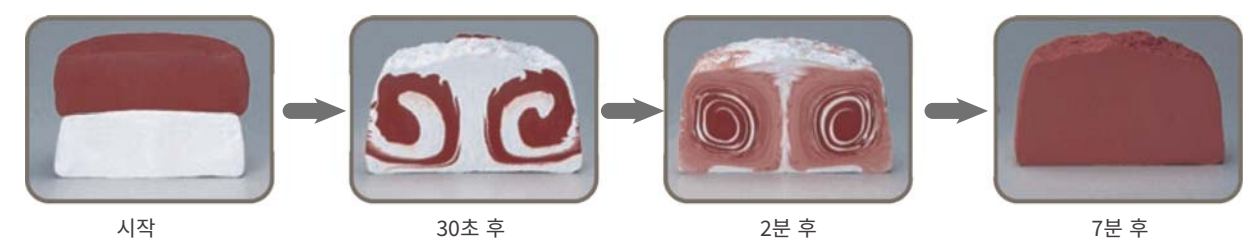
고점도 물질내에 존재하는 기포 (Bubble)을 제거하는 탈포 (De-aeration) 기능

Sample의 점도가 높으면 내부에 존재하는 기포를 제거하는 것이 쉽지 않다. 이 기포는 Sample의 산화를 가속화하여 sample의 quality에 영향을 미치기 때문에, 기포를 제거하는 것은 매우 중요하다.

2가지 방법을 이용하여 기포를 제거

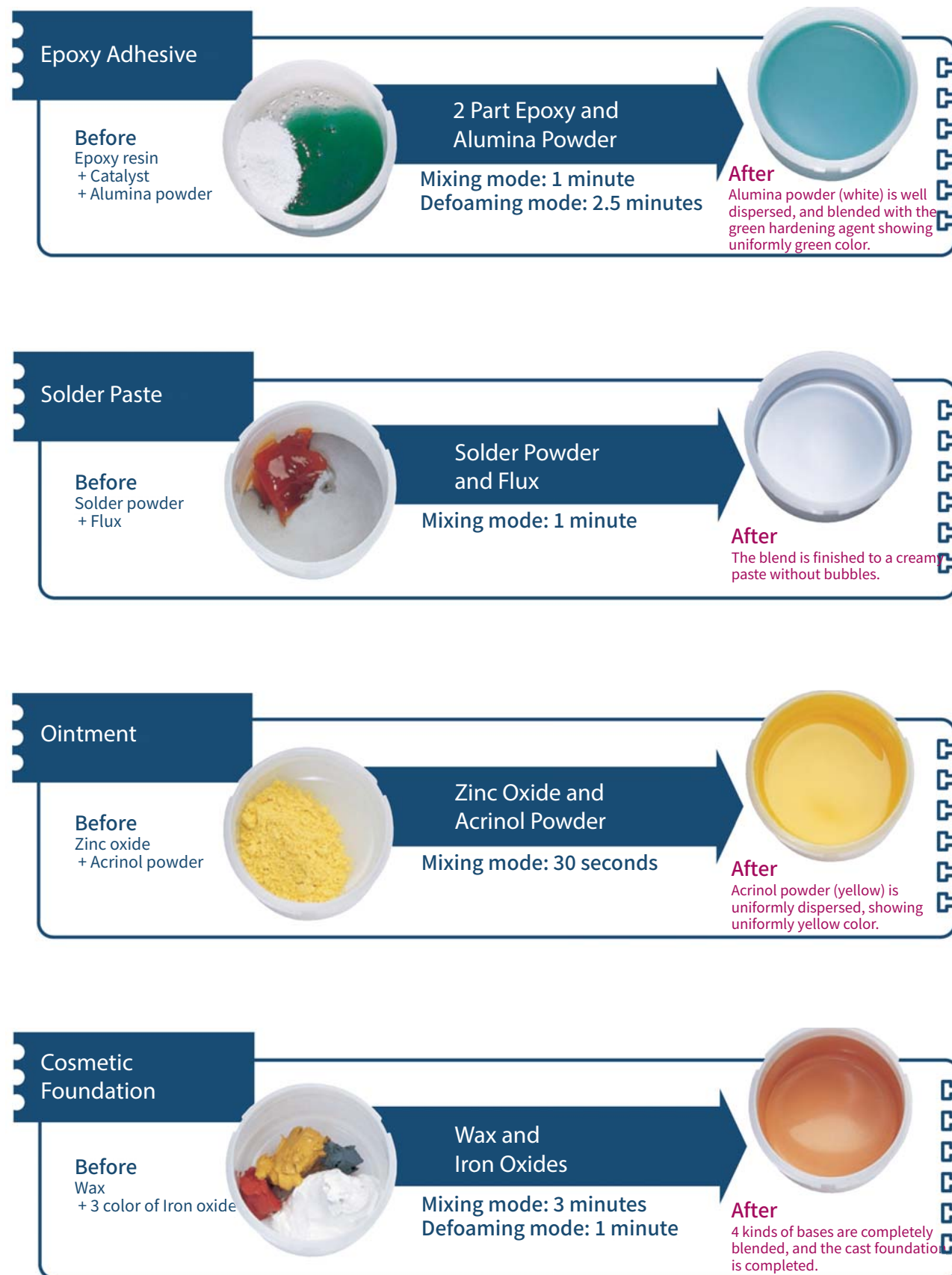
1. 공전 (Revolution)과 자전 (Rotation)의 회전비율을 조절하여 원심력에 의해서 가벼운 기포가 위쪽을 빠지는 현상을 이용
2. 장비내부의 Vacuum pump를 이용하여 micro-bubble까지 제거

공전 (Revolution)과 자전 (Rotation)에 의해서 Sample이 Mixing 되는 과정



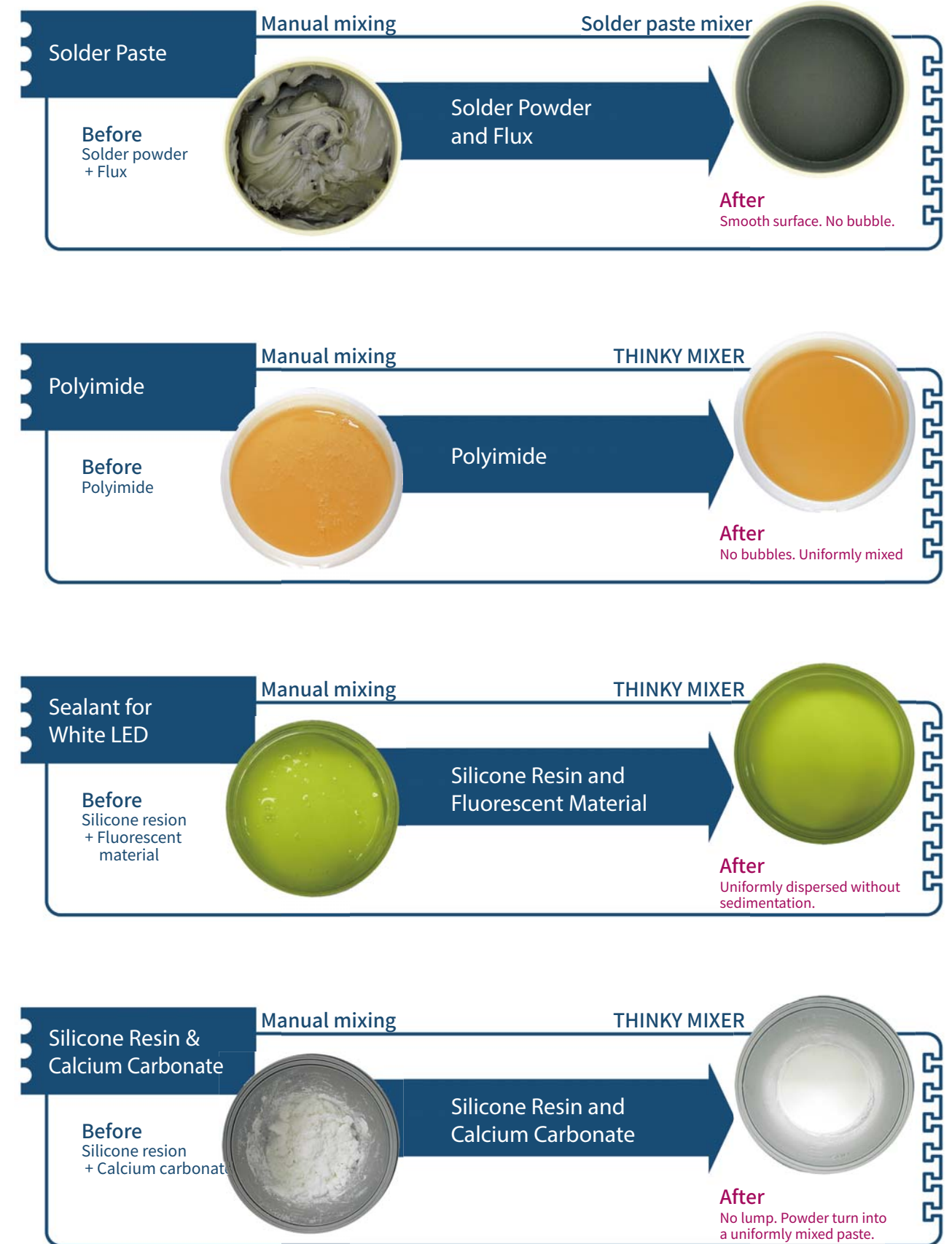
Examples of Material Processing

Comparison : Before and after mixing



Examples of Material Processing

Comparison : Manual mixing and THINKY MIXER



Principal Application

Customer industries and fields, and principal applications

Electrode/electrolytic materials	-----	Lithium-ion cells, fuel cells
Wiring materials	-----	Solar cells
Device materials	-----	Dye-sensitized solar cells
Superconductive materials	-----	Wire rods, electrode materials

Aerospace	Adhesives, fuel materials heat-insulating agents
Robotics	Sensors, materials (resins, pastes)
Structures	Nanocellulose

Drug development	Soluble compounds, suspensions
Prescription drugs	Skin care drugs
Bioengineering	MEMS and DNA analysis
Medical equipmt	Endoscopes
Biomaterials	Artificial bones, limb prostheses
	dental materials
Cosmetics	Lipsticks, foundations
Food products	Thickening agents

Car electronics	Batteries, sensors
	electromagnetic wave shielding materials
Light-emitting devices	FPDs, LEDs, OLEDs
Communications devices	Optical fibers, repeaters
Printed devices	OLEDs, sensors, MEMS
Electronics materials	Capacitors, mounting processes
	crystal oscillator devices

Usage purpose and principal materials

Two-part resin materials	Epoxy, silicone, urethane
Inks	Coloring, UV type, color samples
Cosmetics	Foundations, lipsticks, lotions nail care products, gels
Skin care drugs	Ointment preparation
Biomaterials	Artificial bones, dental materials

Chemical materials	Dissolved oxygen reduction
	Property & yield improvement, degradation control
Pharmaceutical materials	Void removal, bubble reduction
	Drug effect stabilization, bubbling reduction
Electronic materials	Void (bubble) reduction
	Property improvement, printing yield improvement
Display materials	Bubble reduction, moisture control
	Additive improvement, aging degradation reduction
Optical materials	Bubble reduction
	dissolved oxygen reduction
	Scattering suppression, optical property improvement
Inks, coating materials	Dissolved oxygen reduction
	Color stabilization, aging degradation reduction
Quality assurance divisions	Void removal, bubble reduction
	dissolved oxygen reduction
	Measurement variation reduction
	measurement accuracy improvement

Functional resins	Wear-resistance enhancement
	conductivity improvement, anti-static measures
Insulating/resistive pastes	Resin, carbon, nanomaterials
Metal pastes	Gold, silver, platinum, solder
Inorganic material pastes	Glass, ceramics
Display materials	Sealing materials, liquid crystal materials
	moisture-absorbing materials
LED sealing materials	Silicone, fluorescent materials
Coating materials	Coating materials (pigments)

Inks	Emulsion inks
Medical materials	Peptide vaccines
Cosmetics	Cream
Fuel	Jet fuel

Medical drugs, agricultural chemicals	Suspension preparation
Battery materials	Electrode materials, solid electrolytes
Inorganic material pastes	Glass, ceramics, carbon
Cosmetics	Skin whitening materials
	anti-aging materials

THINKY MIXER Non-vacuum type



ARE-501



ARV-3000T

Figure 1. The effect of the number of nodes on the number of iterations required to reach the optimal solution. The number of iterations required to reach the optimal solution increases as the number of nodes increases. The number of iterations required to reach the optimal solution is approximately 100 for 10 nodes, 200 for 20 nodes, 300 for 30 nodes, 400 for 40 nodes, 500 for 50 nodes, 600 for 60 nodes, 700 for 70 nodes, 800 for 80 nodes, 900 for 90 nodes, and 1000 for 100 nodes.



SR-500

250 g
x 1
Max. working
capacity

250 ml
x 1
Max. working
volume



THINKY MIXERNon-vacuum type

ARE-310

- Best seller
- 최대 250 g, 250 ml 처리
- 2가지 mode 내장: Mixing mode, De-foaming mode
- 다양한 container 사용으로 수ml ~ 250 ml 까지 처리
- 실험조건을 저장하는 기능

Working station	1 station
Max. capacity	310 g, 300 ml
Working capacity	250 g, 250 ml
Mixing mode	
- Revolution speed	200 ~ 2,000 rpm
- Rotation speed	1 : 2.5
De-foaming mode	
- Revolution speed	400 ~ 2,200 rpm
- Rotation speed	1 : 36.7
Standard container	300 ml
Dimensions (w x d x h)	300 x 340 x 390 mm
Weight	21 kg

THINKY MIXERNon-vacuum type

ARM-310

250 g
x 1
Max. working
capacity

250 ml
x 1
Max. working
volume

- 저가형의 경제적인 모델
- 최대 250 g, 250 ml 처리
- Mixing mode 내장
- 다양한 container 사용으로 수ml ~ 250 ml 까지 처리
- 실험조건을 저장하는 기능

Working station	1 station
Max. capacity	310 g, 300 ml
Working capacity	250 g, 250 ml
Mixing mode	
- Revolution speed	200 ~ 2,000 rpm
- Rotation speed	1 : 2.5
Standard container	300 ml
Dimensions (w x d x h)	300 x 340 x 390 mm
Weight	20 kg



1,000 g
x 1
Max. working
capacity

500 ml
x 1
Max. working
volume



THINKY MIXERNon-vacuum type

ARE-500

- 최대 1 kg 까지 처리가능한 모델
- 최대 1 kg, 500 ml 처리
- 2가지 mode 내장: Mixing mode, De-foaming mode
- 다양한 container 사용으로 수ml ~ 500 ml 까지 처리
- 실험조건을 저장하는 기능

Working station	1 station
Max. capacity	1,100 g, 650 ml
Working capacity	1,000 g, 500 ml
Mixing mode	
- Revolution speed	400 ~ 1,000 rpm
- Rotation speed	1 : 1
De-foaming mode	
- Revolution speed	400 ~ 2,000 rpm
- Rotation speed	1 : 33.3
Standard container	650 ml
Dimensions (w x d x h)	500 x 500 x 692 mm
Weight	95 kg

THINKY MIXERNon-vacuum type

ARE-501

1,000 g
x 1
Max. working
capacity

500 ml
x 1
Max. working
volume

- 최대 1 kg 까지 처리가능한 모델
- 최대 1 kg, 500 ml 처리
- 2가지 mode 내장: Mixing mode, De-foaming mode
- 다양한 container 사용으로 수ml ~ 500 ml 까지 처리
- 실험조건을 저장하는 기능

Working station	1 station
Max. capacity	1,100 g, 650 ml
Working capacity	1,000 g, 500 ml
Mixing mode	
- Revolution speed	400 ~ 1,500 rpm
- Rotation speed	867 rpm, 1 : 1.72 (0.58 : 1)
De-foaming mode	
- Revolution speed	400 ~ 2,000 rpm
- Rotation speed	60 rpm, 1 : 33.3
Standard container	650 ml
Dimensions (w x d x h)	500 x 500 x 686 mm
Weight	100 kg



100 g
x 1

Max. working
capacity

50 ml
x 1

Max. working
volume

THINKY MIXER

Non-vacuum type

AR-100

- 가장 크기가 작은 모델
- 최대 100 g, 50 ml 처리
- 2가지 mode 내장: Mixing mode, De-foaming mode
- 100 ml disposable cup을 이용하여 50 ml 까지 처리가능
- 실험조건을 저장하는 기능



Working station	1 station
Max. capacity	140 g, 100 ml
Working capacity	100 g, 50 ml
Mixing mode	
- Revolution speed	400 ~ 2,000 rpm
- Rotation speed	1 : 2.5
De-foaming mode	
- Revolution speed	2,200 rpm (fixed)
- Rotation speed	0 rpm (fixed)
Standard container	100 ml disposable container
Dimensions (w x d x h)	250 x 250 x 328 mm
Weight	15 kg

THINKY MIXER

Non-vacuum type

SR-500

520 g
x 1

Max. working
capacity

100 ml
x 1

Max. working
volume

- Solder paste mixer
- 최대 520 g, 100 ml 처리
- Mixing mode 내장
- Solder paste 처리에 최적화 된 모델
- 실험조건을 저장하는 기능



Working station	1 station
Max. capacity	680 g, 150 ml
Working capacity	520 g, 100 ml
Mixing mode	
- Revolution speed	200 ~ 1,200 rpm
- Rotation speed	1 : 3
Standard container	300 ml
Dimensions (w x d x h)	300 x 340 x 390 mm
Weight	18 kg

250 g
x 1

Max. working
capacity

200 ml
x 1

Max. working
volume

THINKY MIXER

Vacuum type

ARV-310P

- 진공펌프를 이용한 탈포
- 최대 250 g, 200 ml 처리
- 2가지 mode 내장: Mixing mode, Vacuum mode
- 다양한 container 사용으로 수ml ~ 200 ml 까지 처리
- 실험조건을 저장하는 기능



Working station	1 station
Max. capacity	310 g, 300 ml
Working capacity	250 g, 200 ml
Mixing mode	
- Revolution speed	200 ~ 2,000 rpm
- Rotation speed	1 : 2
Vacuum mode	
- Ultimate vacuum	0.67 kPa
- Vacuum capability	100 liter / min
Standard container	300 ml
Dimensions (w x d x h)	555 x 645 x 450 mm
Weight	90 kg

THINKY MIXER

Vacuum type

ARV-501

500 g
x 1

Max. working
capacity

500 ml
x 1

Max. working
volume

- 진공펌프를 이용한 탈포
- 최대 500 g, 500 ml 처리
- 3가지 mode 내장: Mixing, De-foaming, Vacuum mode
- 다양한 container 사용으로 수ml ~ 500 ml 까지 처리
- 실험조건을 저장하는 기능

Working station	1 station
Max. capacity	700 g, 500 ml
Working capacity	500 g, 500 ml
Mixing mode	
- Revolution speed	400 ~ 1,500 rpm
- Rotation speed	1 : 1.72 (0.58 : 1)
De-foaming mode	
- Revolution speed	400 ~ 2,000 rpm
- Rotation speed	1 : 33.3 (0.03 : 1)
Vacuum mode	0.67 kPa, 100 liter / min
Standard container	550 ml
Dimensions (w x d x h)	500 x 595 x 815 mm
Weight	100 kg



830 g
x 2
Max. working
capacity

500 ml
x 2
Max. working
volume

THINKY MIXER Vacuum type

ARV-931Twin

- Twin system, 진공펌프를 이용한 탈포
- 최대 830 g x 2, 500 ml x 2 처리
- 3가지 mode 내장: Mixing, De-foaming, Vacuum mode
- 다양한 container 사용으로 수ml ~ 500 ml x 2 까지 처리
- 실험조건을 저장하는 기능

Working station	2 station
Max. capacity	930 g x 2, 500 ml x 2
Working capacity	830 g x 2, 500 ml x 2
Mixing mode	
- Revolution speed	200 ~ 1,400 rpm
- Rotation speed	1 : 2
De-foaming mode	
- Revolution speed	200 ~ 1,800 rpm
- Rotation speed	1 : 33.3 (0.03 : 1)
Vacuum mode	0.60 kPa, 100 liter / min
Standard container	750 ml container
Dimensions (w x d x h)	660 x 670 x 900 mm
Weight	240 kg



THINKY MIXER Vacuum type

ARV-5000

4.7 kg
x 1
Max. working
capacity

3 L
x 1
Max. working
volume

- 진공펌프를 이용한 탈포
- 최대 4.7 kg, 3 L 처리
- 2가지 mode 내장: Mixing mode, Vacuum mode
- 다양한 container 사용으로 최대 3 L 까지 처리
- 실험조건을 저장하는 기능

Working station	1 station
Max. capacity	5 kg, 4 L
Working capacity	4.7 kg, 3 L
Mixing mode	
- Revolution speed	200 ~ 800 rpm
- Rotation speed	1 : 1.33 (0.75 : 1)
Vacuum mode	
- Ultimate vacuum	0.67 kPa
- Vacuum capability	100 liter / min
Standard container	4 L
Dimensions (w x d x h)	1,050 x 925 x 1,650 mm
Weight	500 kg



THINKY MIXER Vacuum type

ARV-10kTwin

10 kg
x 2
Max. working
capacity

10 L
x 2
Max. working
volume

- Twin system, 진공펌프를 이용한 탈포
- 최대 10 kg x 2, 10 L x 2 처리
- 2가지 mode 내장: Mixing mode, Vacuum mode
- 다양한 container 사용으로 최대 10 L x 2 까지 처리
- 실험조건을 저장하는 기능

Working station	2 station
Max. capacity	14.5 kg x 2, 10 L x 2
Working capacity	10 kg x 2, 10 L x 2
Mixing mode	
- Revolution speed	200 ~ 800 rpm
- Rotation speed	0 ~ 350 rpm
Vacuum mode	
- Ultimate vacuum	0.1 kPa
- Vacuum capability	200 liter / min
Standard container	10 L container
Dimensions (w x d x h)	1,900 x 1,370 x 1,280 mm
Weight	1,500 kg



THINKY MIXER Vacuum type

ARV-3000Twin

- Twin system, 진공펌프를 이용한 탈포
- 최대 4.7 kg x 2, 3 L x 2 처리
- 2가지 mode 내장: Mixing mode, Vacuum mode
- 다양한 container 사용으로 최대 3 L x 2 까지 처리
- 실험조건을 저장하는 기능

Working station	2 station
Max. capacity	5 kg x 2, 4 L x 2
Working capacity	4.7 kg x 2, 3 L x 2
Mixing mode	
- Revolution speed	200 ~ 800 rpm
- Rotation speed	depending on gear ratio
Vacuum mode	
- Ultimate vacuum	0.1 kPa
- Vacuum capability	200 liter / min
Standard container	4 L container
Dimensions (w x d x h)	1,330 x 1,015 x 1,600 mm
Weight	700 kg



Product Specification List of THINKY MIXER (Vacuum type)

Planetary Centrifugal Vacuum Mixer ARV-310P ARV-310P Vacuum							
Planetary Centrifugal Vacuum Mixer ARV-501 ARV-501 Vacuum							
Planetary Centrifugal Vacuum Mixer ARV-931T ARV-931T Vacuum							
Planetary Centrifugal Vacuum Mixer ARV-5000 ARV-5000 Vacuum							
Planetary Centrifugal Vacuum Mixer ARV-3000T ARV-3000T Vacuum							
Planetary Centrifugal Vacuum Mixer ARV-10KT ARV-10KT Vacuum							
System	Vacuum-type	Vacuum-type	Vacuum-type	Vacuum-type	Vacuum-type	Vacuum-type	
Time setting	Planetary, propeller-less mixing 0 sec ~ 30 min	Planetary, propeller-less mixing 0 sec ~ 30 min	Planetary, propeller-less mixing 0 sec ~ 30 min	Planetary, propeller-less mixing 0 sec ~ 30 min	Planetary, propeller-less mixing 0 sec ~ 30 min	Planetary, propeller-less mixing 0 sec ~ 30 min	
Continuous operation time	Max. 30 min	Max. 30 min	Max. 30min	Max. 30 min	Max. 30 min	Max. 30 min	
Programming function	20 memories	20 memories	9 memories with 9 steps	10 memories with 10 steps	20 memories with 10 steps	20 memories with 10 steps	
Mixing mode	Revolution: 200 ~ 2,000 rpm Rotation: approx. 0.5 : 1	Revolution: 400 ~ 1,500 rpm Rotation: approx. 0.58 : 1	Revolution: 200 ~ 1,400 rpm Rotation: approx. 0.5 : 1	Revolution: 200 ~ 800 rpm Rotation: approx. 0.175 : 1	Revolution: 200 ~ 800 rpm Rotation: depending on gear ratio	Revolution: 200 ~ 800 rpm Rotation: 0 ~ 350 rpm	
De-foaming mode	-	Revolution: 400 ~ 2,000 rpm Rotation: approx. 0.03 : 1	Revolution: 200 ~ 1,800 rpm Rotation: approx. 0.03 : 1	-	-	-	
Vacuum system	0.67 kPa (approx. 5 Torr) 100 L / min	0.67 kPa (approx. 5 Torr) 100 L / min	0.60 kPa (approx. 5 Torr) 100 L / min	0.67 kPa (approx. 5 Torr) 100 L / min	0.1 kPa (approx. 0.75 Torr) 200 L / min	0.1 kPa (approx. 0.75 Torr) 200 L / min	
Max. capacity	310 g	700 g	930 g x 2	5 kg	5 kg x 2	14.5 kg x 2	
Standard container	300 ml container	550 ml container	750 ml container	4 L container	4 L container	10 L container	
Power supply	AC 100V, 50/60Hz, 1.2kW	AC 200V, 50/60Hz, 2 kW	3 phase, AC 220V, 50/60Hz, 4.4 kW	3 phase, AC 200V, 50/60Hz, 4.5 kW	3 phase, AC 200V, 50/60Hz, 10.4 kW	3 phase, AC 200V, 50/60Hz, 30 kW	
Safety mechanism	Lid sensor, vibration sensor Speed sensor	Lid locking sensor, vibration sensor Speed sensor	Lid locking sensor, vibration sensor Speed sensor	Lid locking sensor, lid sensor, Vibration sensor, speed sensor	Lid locking sensor, lid sensor, Vibration sensor, speed sensor	Lid locking sensor, lid sensor, Vibration sensor, speed sensor	
Unit dimensions (w x d x h)	555 x 645 x 450 mm	500 x 595 x 815 mm	660 x 670 x 900 mm	1,050 x 925 x 1,650 mm	1,330 x 1,015 x 1,600 mm	1,900 x 1,370 x 1,280 mm	
Unit weight	Approx. 90 kg	Approx. 100 kg	Approx. 240 kg	Approx. 500 kg	Approx. 700 kg	Approx. 1,500 kg	
Accessories	HDPE 300 ml container x 3 150 ml adapter & container x 1	HDPE 550 ml container x 3	HDPE 750 ml container x 6 550 ml container x 6 (adapter x 2)				

Product Specification List of THINKY MIXER (Non-vacuum type)

Planetary Centrifugal Mixer AR-100 AR-100 Non-vacuum							
Planetary Centrifugal Mixer ARE-310 ARE-310 Non-vacuum							
Planetary Centrifugal Mixer ARM-310 ARM-310 Non-vacuum							
Planetary Centrifugal Mixer ARE-500 ARE-500 Non-vacuum							
Planetary Centrifugal Mixer ARE-501 ARE-501 Non-vacuum							
Planetary Centrifugal Mixer SR-500 SR-500 Non-vacuum							
System	Planetary, propeller-less mixing	Planetary, propeller-less mixing	Planetary, propeller-less mixing	Planetary, propeller-less mixing	Planetary, propeller-less mixing	Planetary, propeller-less mixing	
Time setting	0 sec ~ 30 min	0 sec ~ 30 min	0 sec ~ 30 min	0 sec ~ 30 min	0 sec ~ 30 min	0 sec ~ 30 min	
Continuous operation time	Max. 30 min	Max. 30 min	Max. 30 min	Max. 30 min	Max. 30 min	Max. 30 min	
Programming function	5 memories	10 memories	10 memories	10 memories	20 memories	10 memories	
Mixing mode	Revolution: 400 ~ 2,000 rpm Rotation: approx. 0.4 : 1	Revolution: STD mode 2,000 rpm (fixed) STEP mode: 200 ~ 2,000 rpm Rotation: approx. 0.4 : 1	Revolution: STD mode 2,000 rpm (fixed) STEP mode: 200 ~ 2,000 rpm Rotation: approx. 0.4 : 1	Revolution: 400 ~ 1,000 rpm Rotation: 400 ~ 1,000 rpm Rotation: approx. Max. 1 : 1	Revolution: 400 ~ 1,500 rpm Rotation: 867 rpm Rotation: approx. 0.58 : 1	Revolution: 1,000 rpm, 500 rpm (fixed) STEP mode: 200 ~ 1,200 rpm Rotation: approx. 0.33 : 1	
De-foaming mode	Revolution: 2,200 rpm (fixed) Rotation: 0 rpm (fixed)	Revolution: STD mode 2,000 rpm (fixed) STEP mode: 400 ~ 2,200 rpm Rotation: approx. 1: 36.7	-	Revolution: 400 ~ 2,000 rpm Rotation: approx. Max. 1 : 32	Revolution: 400 ~ 2,000 rpm Rotation: 60 rpm Rotation: approx. 0.03 : 1	-	
Max. capacity	140 g	310 g	310 g	1,100 g	1,100 g	680 g	
Standard container	100 ml disposable cup	300 ml container	300 ml container	650 ml container	650 ml container	150 ml container	
Power supply	AC 120V, 50/60Hz	AC 120V, 50/60Hz	AC 120V, 50/60Hz	AC 100V, 50/60Hz	AC 100V, 50/60Hz	AC 120V, 50/60Hz	
Safety mechanism	Lid sensor, vibration sensor Speed sensor	Lid lock sensor, Lid sensor, Vibration sensor, Speed sensor	Lid lock sensor, Lid sensor, Vibration sensor, Speed sensor	Lid sensor, Vibration sensor, Speed sensor, M/D clutch sensor	Lid sensor, Vibration sensor, Speed sensor, M/D clutch sensor	Lid lock sensor, Lid sensor, Vibration sensor, Speed sensor	
Unit dimensios (w x d x h)	250 x 250 x 328 mm	300 x 340 x 390 mm	300 x 340 x 390 mm	500 x 500 x 692 mm	500 x 500 x 686 mm	300 x 340 x 390 mm	
Unit weight	Approx. 15 kg	Approx. 21 kg	Approx. 21 kg	Approx. 35 kg	Approx. 100 kg	Approx. 18 kg	
Accessories	ABS container x 3 100 ml disposable cup x 10	HDPE 300 ml container x 3 150 ml adapter & container x 1	HDPE 300 ml container x 3 150 ml adapter & container x 1	HDPE 650 ml container x 2 550 ml & 300 ml container x 2 300 ml container adapter x 1	HDPE 650 ml container x 2 550 ml & 300 ml container x 2 300 ml container adapter x 1	HDPE 150 ml container x 3 150 ml container adapter x 1	

Container & Cups

Plastic container 및 Disposable cup



Correspondence Table

	AR-100	ARE-310 ARE-250 AR-250	ARE-400T	ARE-501 ARE-500	ARV-301 ARV-310 ARV-310LED	ARV-5000 ARV-3000T	SR-500	ARV-930T
100 ml disposable cup	●	○	○	○	○			
200 ml disposable cup		○	○	○	○			
500 ml disposable cup				○				○
150 ml container		○	○	○	○	○	○	
250 ml container		●	●	○	●	○	●	
300 ml container		●	●	○	●	○	●	○
300 ml anti-UV container		●	●	○	●	○	●	○
360 ml container				○		○		○
550 ml container				●		○		○
650 ml container				●		○		
750 ml container						○		●
1000 ml container						○		
4000 ml container						●		

○ Adapter required.

Ointment Container Adapter & Container

소용량 샘플 실험시 사용 가능한 Adapter 및 Container



Syringe Adapter



Standard Adapter



100AD-100DSP
For 100 ml disposable cup



250AD-100DSP
For 100 ml disposable cup



250AD-100DSP-MP
For 100 ml disposable cup with lid



250AD-200DSP
For 200 ml disposable cup



250AD-250DSP-BLOW
For 200 ml disposable cup with lid



250AD-201
For 150 ml container



250AD-50SCR
For 50 ml vial glass bottle



500AD-250
For 250/300 ml container



500AD-500DSP3
For 500 ml disposable cup



Heat-resistant Adapter
For 150 ml SUS container



250AD-100DSP-CO
Cooling adapter for 100 ml disposable cup



500AD-300-CO
Cooling adapter for CH300 container

Correspondence Table

Type	Model	Mixer						Container	Remark
		AR-100	ARE-310 ARE-250 AR-250	ARE-400T	ARE-501 ARE-500	ARV-310	SR-500		
For Standard Containers	100AD-100DSP	●						100ml disposable cup	
	250AD-100DSP		●	●	●	●	●	100ml disposable cup	
	250AD-100DSP-MP		●	●	●	●	●	100ml disposable cup	
	250AD-100DSP-CO		●	●	●	●	●	100ml disposable cup	cooling
	250AD-200DSP		●	●	●	●	●	200ml disposable cup	
	250AD-200DSP-BLOW		●	●	●	●	●	200ml disposable cup	
	250AD-201		●	●	●	●	●	150ml container 500g Solder paste	
	500AD-500DSP3				●			500ml disposable cup	
	500AD-250				●			250ml container, 300ml container	
	250AD-20DT		●	●	●	●	●	DOTITE 20/30g	
	250AD-300SUS		●	●	●	●		300ml SUS	
	250AD heat-resistant		●	●	●	●		150ml SUS	heat-resistant
	250AD-205KAMI-CUP		●	●	●	●		205ml Paper cup	
	250AD-GR10B		●	●	●	●		10ml PET bottle	
	250AD-GR30B		●	●	●	●		30ml PET bottle	
	250AD-20SCR		●	●	●	●		20ml glass bottle	
	250AD-30SCR		●	●	●	●		30ml glass bottle	
	250AD-50SCR		●	●	●	●		50ml glass bottle	
	250AD-200CH		●	●	●	●		CH200 (TAKEMOTO)	
	250AD-300CH		●	●	●	●		CH300 (TAKEMOTO)	
	250AD-BHB160		●	●	●	●		BHB160 anti-UV	
	500AD-ASONE500				●			BOTTLES Wide Mouth 500ml(AS ONE)	
	500AD-300CO				●			CH300 (TAKEMOTO)	cooling
	500AD-300CO-BHB				●			BHB300 anti-UV	cooling
	500AD-ASONE250CO				●			BOTTLES Wide Mouth 250ml(AS ONE)	cooling
For Syringe & Barrels	100AD-3S,5S,10S,30S	●						3ml,5ml,10ml,20/30ml Syringe(ex-EFD,MUSASHI,IEI)	
	250AD-3S,5S,10S,30S		●		●	●	●	3ml,5ml,10ml,20/30ml Syringe(ex-EFD,MUSASHI,IEI)	
	250AD-50S		●	●	●	(#)	(#)	50 ml Syringe (MUSASHI, IEI)	
	250AD-M3S×6		●	●	●	●	●	Musashi 3ml Syringe x 6(for NC-3E Syringe tip cap)	
	250AD-M5S×5		●	●	●	●	●	Musashi 5ml Syringe x 5(for NC-3E Syringe tip cap)	
	250AD-M10S×4		●	●	●	(#)	●	Musashi 10ml Syringe x 4(for NC-3E Syringe tip cap)	
	250AD-55S-EFD		(#)		●	(#)	(#)	ex-EFD 55ml Syringe	
	250AD-EFD3S×7		●	●	●	●	●	ex-EFD 3 ml Syringe x 7	
	250AD-EFD5S×5		●	●	●	●	●	ex-EFD 5ml Syringe x 5	
	250AD-EFD10S×4		●	●	●	(#)	●	ex-EFD 10ml Syringe x 4	
	250AD-100BS		●	●	●	●	●	100ml Barrel(ex-EFD,MUSASHI,PPG)	
	500AD-170B				●			170ml Barrel(ex-EFD,MUSASHI,PPG)	
For Solder Paste	SP500AD-500LT						●	* LT (Wc) 500 g	
	SP500AD-500LT-E						●	* LT (Gc) , Cs, SH, SM, MIC 500 g	
	SP500AD-HE						●	* HE 500g	
	SP500AD-KESTER						●	* KS 500g	
	SP500AD-KESTER250						●	* KS 250g	
For Ointment Containers	50AD-NAN-U58	●						UG 58ml	
	100AD-NAN-U	●						UG 12ml, 24ml, 35ml	
	250AD-NAN-U		●	●	●	●		UG 12ml, 24ml, 35ml, 58ml, 125ml	

THINKY

THINKY CORPORATION SOMI TRADING

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홈페이지 바로가기