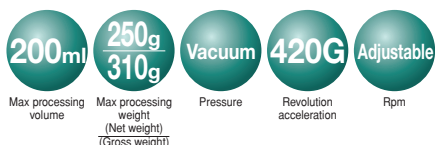


# No spillage, completely eliminate submicron air bubbles

## ARV-310/310LED THINKY MIXER



By coupling a vacuum pressure reduction function with the rotation and revolution system simultaneous mixing and deaeration is possible along with the complete elimination of submicron air bubbles.

Because of the revolution centrifugal force there is no spillage of material during operation: just position the container and switch on. Even urethane materials and high-viscosity materials can be simultaneously mixed and deaerated in just ten seconds to several minutes. Automatic and easily-set sequences allow optimal conditions to be reproduced with high accuracy, enabling superior quality control.

### Features

- A vacuum pressure reduction function removes submicron air bubbles and gives outstanding dispersion performance.
- No spillage of material during operation.
- By adjusting the rpm a broad range of materials with different properties can be processed.
- 9 recipe profiles: up to 5 programmable steps per recipe, allowing more varied process control.

### ■ Dimensions:

H450 × W555 × D645 (mm)

### ■ Weight: About. 90 kg

### ■ Max processing volume with a 300 ml container:

Non-vacuum operation

250 ml / 250 g (net)

250 ml / 310 g (gross)

Vacuum operation

200 ml / 250 g (net)

200 ml / 310 g (gross)



### ARV-310LED

- The ARV-310 LED model can disperse high-density powders such as LED phosphor, with no sedimentation. Specifications are different from the ARV-310.



CE-Certified model

Product name: ARV-310 CE/310LED CE



● Container holder, Balance adjustment dial



● Control panel



● Accessories: Containers, Adapter

**THINKY MIXER**
**Planetary Centrifugal Vacuum Mixer ARV-310**


Mode		ARV-310		Max Processing Volume	Non-vacuum Condition	With a 300 ml container: 250 ml / 250 g (net*) 250 ml / 310 g (gross*)	Safety Mechanism	Lid locking sensor, Vibration sensor, Speed sensor
System		Vacuum Rotation/revolution no-blade mixing			Vacuum Condition	With a 300 ml container: 200 ml / 250 g (net*) 200 ml / 310 g (gross*)	Transport Locking Mechanism* <sup>3</sup>	1 on the unit front and 1 on the rear
Operation Time Setting		Timer setting range: 0 s to 30 min in 1 s increments					Others	_____
Continuous Operation Time		Max 30 min		Vacuum System		Rotation section vacuum chamber system	Unit Dimensions	H 450 × W 555 × D 645 (mm)
Programming Function		9 recipe profiles with 5 steps		Ultimate Vacuum		0.67 kPa / Approx. 5 Torr	Unit Weight	About. 90 kg
Revolution/ Rotation Speed (rpm)	Mixing Mode	Revolution: 0, 200 to 2000 rpm (adjustable) Rotation: Approx. 1 : 2 revolution-rotation ratio		Vacuum Trap Connection		Connectable (optional)	Accessories 1	Instruction Manual × 1, AC cable (including 3P adapter) × 1, HDPE 300 ml container × 3 (Inner lid with hole × 3, Outer lid with hole × 3) 150 ml Container × 1 (Inner lid with hole × 1, Outer lid with hole × 1, Adapter × 1, and 1 spare rubber ring)
				Vacuum Pump Capability		Pump capacity: 100 liters/minute		
	Deaeration Mode	_____		Power Consumption		Voltage: Single-phase AC 100/230 V ± 10 %, 50/60 Hz Power consumption: Approx. 50 VA (standby) Max 1200 VA (operation)	Accessories 2	Box wrench×1, Hexagon wrench×1, Pliers × 1, Vacuum pump oil, Waste oil receiver × 1, Funnel × 1
				Operating Environment		10 to 35 °C , 35 to 85 % RH (Ensure no water condensation)		

\*1:Net weight refers to material weight excluding container and adapter. \*2:Gross weight refers to total weight of material, container and adapter. \*3:Products are shipped and delivered in a locked state. Release the lock before use.

**Line of Products**
