

This machine supports mass production with a maximum 20L capacity achieving the performance of laboratory models

NEW

ARV-10kTWIN THINKY MIXER

20L Max. processing volume	10kg×2 Max. processing weight (Net weight)	14.5kg×2 Max. processing weight (Gross weight)	Vacuum Pressure	400G Revolution acceleration (Deaeration operation)	Adjustable Rpm
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Twin-mixer system achieves a capacity of 20L, aimed for production. Vacuum pressure reduction system that enables elimination of submicron-level air bubbles is included, simultaneously processing even mixing and deaeration. Designed to provide the mixing performance equivalent to the laboratory models ARE-310 and ARV-310, it maintains the material quality achieved in your laboratories and enables mass-production with no fuss and in a short period of time. In addition, the variable rotation/revolution ratio mechanism included as standard equipment supports detailed parameter settings in accordance with the properties of the material. Consider that the technology can not only start mass-production of new material, but also can contribute to improving the production efficiency, materials quality and cost of your existing mass-production line.

Features

- The maximum of 20L of material can be simultaneously mixed and deaerated
- The vacuum pressure reduction mechanism provides submicron-level deaeration
- Recipes of ARE-310 and ARV-310 (ARV-200) can be used with no change
- By means of the in-cup-holder vacuum pressure reduction mechanism, pressure reduction and air release time are drastically reduced
- By way of the variable rotation/revolution ratio mechanism, parameter settings in accordance with material properties are achieved
- Supports processing at atmospheric pressure, enabling processing of materials with volatile components
- No overflow of materials during operation
- With unique heat dissipating construction, supports continuous operation during mass production
- By using adapters, achieves processing with various containers

- Dimensions : H1050 x W1900 x D1370 (mm)
- Unit weight : Approx. 1500kg
- Max processing volume : With a 10L SUS container
10L · 10kg x 2 (net)
10L · 14.5kg x 2 (gross)



ARV-10kTWIN



● Accessory: 10L SUS Containers



● Control panel

THINKY MIXER



THINKY MIXER Series

Planetary centrifugal vacuum mixers **ARV-10kTWIN**

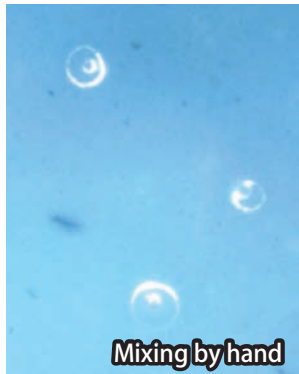
Specification

Model	ARV-10kTWIN
Product Name	Vacuum Rotation / revolution no-blade mixing
Timer Setting	0 ~ 10min.
Rotary Speed	Revolution : 870rpm(400G) / Rotation : 348rpm(0.4)
Standard Container	SUS Containers x 2
Max Processing Volume	Atmospheric Pressure Condition : 10L (10kg) x 2
Vacuum Range	0.1kPa
Program	TWIN OS (Japanese / English)
Power Supply	3 phase AC 200V ± 10 %, 50 / 60Hz
Power Consumption	27 k VA (100A Max)
Operating Environment	10~30°C、35~85%RH (Ensure no water condensation)
Unit Dimensions	H 1050×W 1900×D 1370 (mm)
Unit Weight	Approx. 1500kg

* Please consult Thinky sales staff about option adapter. * Product specifications are subject to change without notice.

Mixing Sample

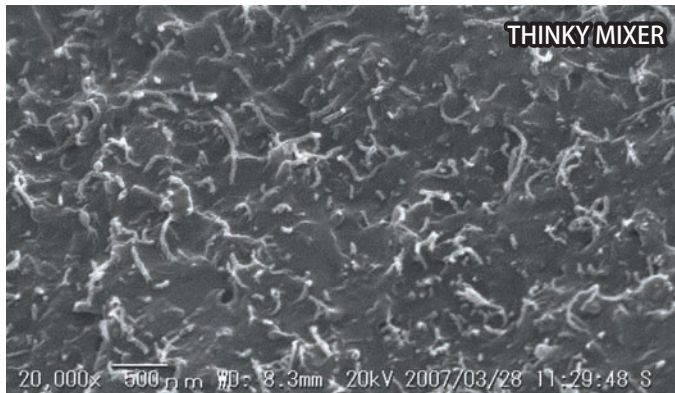
■ Epoxy Resin (Mixing/Deaeration)



■ Polyimide (Mixing/Deaeration)



■ Carbon nano tube (Dispersion)



■ Alumina Oxide (Dispersion)

