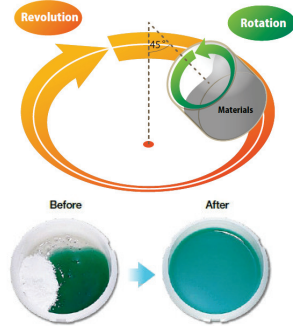




Pioneering the Planetary Centrifugal and Planetary Centrifugal Vacuum Mixers industry through process of "Revolution" and "Rotation".

Revolution Power to accelerate defoaming **Rotation** Power to accelerate mixing

The THINKY Mixer is a no-blade planetary centrifugal mixer that mixes materials employing "rotation" and "revolution". The interaction between rotation and revolution generates a spiral flow and rising and falling currents. Air bubbles within the material are efficiently pushed out to the surface, enabling mixing and dispersion without generating air bubbles.



THINKY

AR-100 Planetary Centrifugal Mixer

自転・公転ミキサー あわとり練太郎

- Most suitable for initial consideration in research and development where small amounts of materials are repeatedly tested
- Disposable container eliminates the fuss of cleaning
- Memory function for simple pre-setting of mixing and deaeration condition
- Sliding door enables good workability
- Strobe function enables visual checking of mixing status in the container



Specifications:-

- Maximum Capacity *1: 140g
- Standard Container *2: 100 ml disposable container

SR-500 Solder Paste Mixer

自転・公転ミキサー はんだ練太郎 (ソルダーペースト専用)

- Capable to mix with uniformity and defoam in just a few minutes
- 5 steps can be registered in each memory to ensure optimal temperature and viscosity adjustment
- Materials from the refrigerator can be mixed and warmed to room temperature in a short time
- Capable to mix and defoam with commercially available 500 g containers
- Capable to mix and defoam less than 500 g solder paste



Specifications:-

- Maximum Capacity *1: 680g
- Standard Container *2: 150 ml disposable container

NP-100 Nano Pulverizer

自転・公転ナノ粉砕機 粉砕ナノ太郎

- 100mg (10ml liquid) is the minimum quantity pulverized
- Pulverizing time 2-5 minutes
- Provides standard recipes for pulverizing
- Chamber atmosphere can be cooled to -20°C
- Achieves effective nano pulverization with smaller ball weight
- Uniform dispersion (preparation of suspension) and deaeration after pulverization



Specifications:-

- Pulverizing quantity Minimal 100mg (10ml liquid) to Maximal 10g.
- Pulverizing time 2-5 minutes.
- Provides standard recipes for pulverizing.
- Contamination is minimized in a closed container.

ARE-310 Planetary Centrifugal Mixer

自転・公転ミキサー あわとり練太郎

- Supports a wide range of materials, including high-viscosity materials and nano fillers
- The 2 modes of mixing and deaeration achieve dispersion and deaeration of high-viscosity materials in a small amount of time
- Cold-insulated, heat-resistant adapter enables support of various material characteristics
- Memory and step-operation functions for controlling and executing operating conditions
- Unique air-cooling system



Specifications:-

- Maximum Capacity *1: 310g
- Standard Container *2: 300 ml resin container

ARV-310 Planetary Centrifugal Vacuum Mixer

自転・公転真空ミキサー あわとり練太郎

- Combination of vacuum pressure reduction function with rotation and revolution mixing
- Simultaneous mixing, dispersion, and submicron-level air bubble elimination
- Deaeration of high-viscosity materials difficult to be processed by a centrifugal separator
- Reduced processing time and improved deaeration performance compared to the atmospheric type mixer
- Centrifugal force of revolution prevents overflow of material during operation



Specifications:-

- Maximum Capacity *1: 310g
- Standard Container *2: 300 ml resin container

*1: Total capacity includes cup holder, sample, container & adapter.

*2: Please contact us for the actual volume of the mixing. The weight may be varied depending on the containers, materials, and conditions.

Japan Quality Control (QC) Tools

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