

**THINKY**  
EX-1051H

Planetary Centrifugal Mixer  
**THINKY Mixer**



## Instruction Manual for AR-100

### Features

- ◆ Utilization of the disposal container realized running cost reduction. capability of mixing of up to 50 ml / 100g material (net weight) at one time
- ◆ Mixing and defoaming modes can be set independently and serial operations from mixing to defoaming if also possible.
- ◆ It is possible to check stirring situation during operation by built-in stroboscope lighting unit.
- ◆ It is possible to prevent deterioration of Container material due to non-contact processing (no mixing blade).
- ◆ It has excellent mixing repeatability without difference in work depending on operators.

Thank you for purchasing our THINKY product. Before use, please read this instructional manual carefully to use it correctly. Store this manual safely so that you can refer to it again when unsure of the usage.

### 【Caution】

Contents of this manual are subject to change without notice.

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## 1. Caution on Safety

This product is designed to assure your safety operation with full considerations in respect to operation, handling and others; however, wrong use in customer side may cause personal damage and other circumference by fire, electric shock and breakage of rotational parts etc. In order to avoid such event, be sure to preserve the following indication without fail.



### **Warning**

**Should you use the product neglecting the following notice, it may cause fire, electric shock, bursting and the like that result in serious accident in injury or damage on surroundings.**

- ◆ Don't disassemble and modify the machine.
- ◆ Don't connect the machine to power supply other than rated voltage.  
Be sure to use the machine with rated voltage.  
Rated voltage is a single-phase AC120V±10 %, 50/60Hz unless specified by unit optionally made for different voltage areas.
- ◆ Don't start up the machine at door opened.
- ◆ The machine may not run at the door open to front side as a door sensor is attached on the machine. On starting the machine, make sure the door closed and no obstacles (such as clothes and others) caught in the machine before start up without fail.
- ◆ Don't use the machine at such place as there is a risk to dropping and falling down.
- ◆ Don't use the machine at the place of sloping.
- ◆ Don't use the machine at the place of strong vibration and impact (shock).
- ◆ Don't use the machine at the place of insufficient strength in respect to foundation of the machine.
- ◆ Don't splash or leak stirring materials, solvents and others in the machine. It may cause breakage of the machine and electric shock due to chemical reaction including corrosion of the unit.
- ◆ Don't use the unit for mixing the hazardous materials, toxic and deleterious substance.  
Don't stir dangerous and harmful materials to the human body with the machine.  
The machine is not in the specification of anti blasting (explosion). Be sure to handle the machine with sufficient caution as it may cause fire or explosion due to vaporization, temperature rise by chemical reaction, and expansion of volume of the contents in case of leakage of them (Take special caution for materials with lower boiling substance such as organic solvents and others).