

## Improved filling efficiency for small capacity syringes

### ARC-40H Vacuum Syringe Charger

3~10  
ml

Standard  
syringe size

Vacuum

Pressure

4 syringes

Max number of  
syringes

ARC-40H is developed for the purpose of easy, quick and bubble free charging materials after mixed, defoamed and dispersed by THINKY MIXER. Small syringes such as 3ml, 5ml and 10ml can be used. The simple configuration allows for easy cleaning.

#### Features

- Able to charge materials into 3 ml, 5 ml and 10 ml syringes, which are too small to charge manually.
- Up to 4 syringes can be charged at one time effectively.
- Capable for materials from low to high viscosity.
- The process from mixing and defoaming to charging is integrated by THINKY products.
- Easy to clean

#### ■ Dimensions:

H550 × W200 × D140 (mm)

#### ■ Weight: About. 7.5 kg

#### ■ Max processing volume:

Simultaneous filling of four 10 ml syringes



Vacuum Syringe chargers

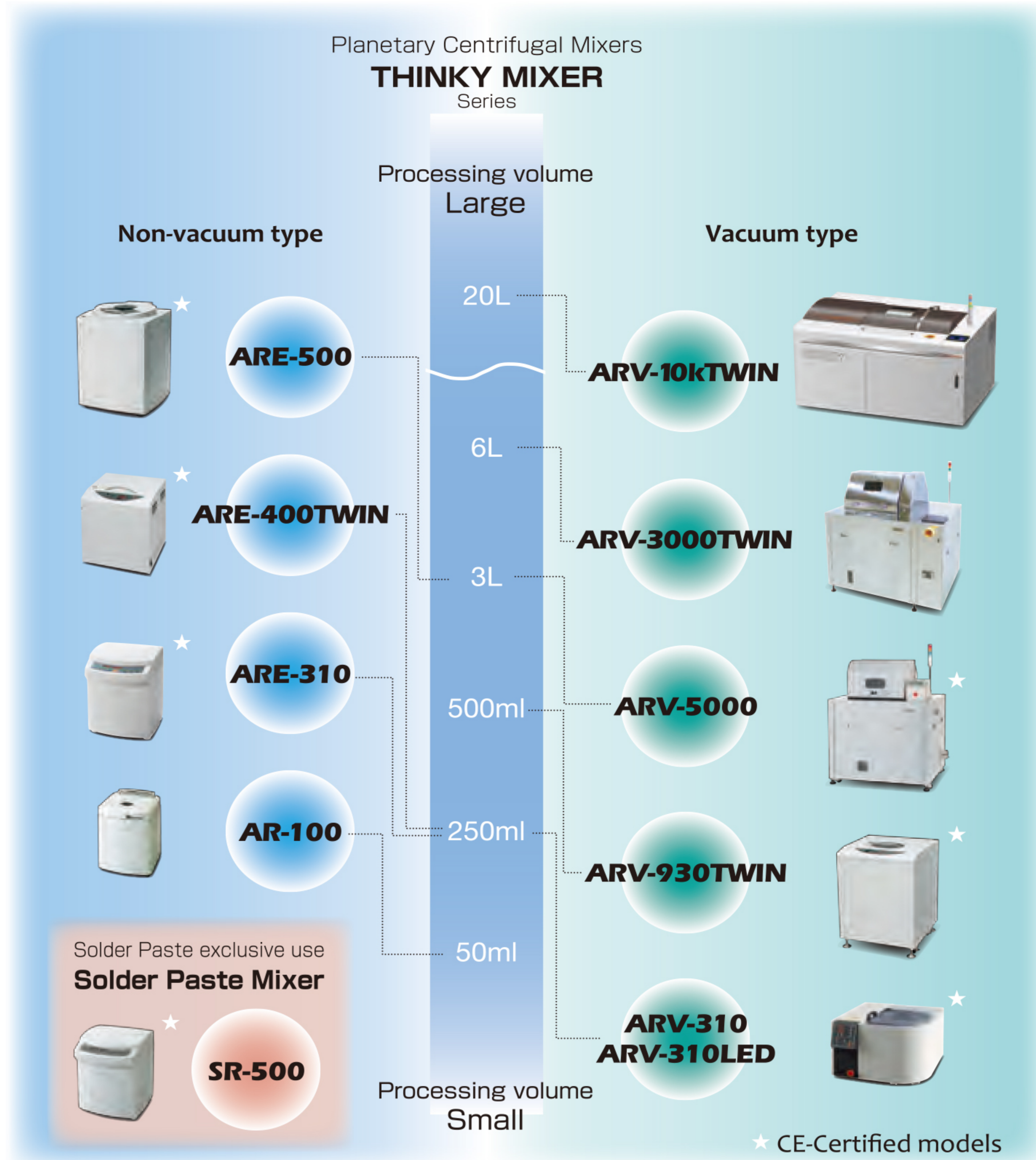
Planetary Centrifugal Mixer **ARC-40H**



Mode	ARC-40H	Number of Syringes per Process	1 to 4 syringes (Joint stopper used)	Power Supply	None
System	Manual Operation	Connection with Vacuum Pump	By a 6 mm outer diameter tube (Vacuum pump is sold separately)	Unit Dimensions	H 550 × W 200 × D 140 (mm) (Up to the handle height)
Syringe Manufacturers	Nordson Corp. (EFD), Musashi Engineering, Inc., and other manufacturers (◆ <sup>1</sup> )	Syringe Ultimate Vacuum	Depending on vacuum pump capability (◆ <sup>3</sup> )	Unit Weight	About. 7.5 Kg
Syringe Volume	3 ml, 5 ml, 10 ml (◆ <sup>2</sup> )	Chamber Ultimate Vacuum	—————	Accessories	Instruction Manual × 1 Specially designed container 300 ml (Container × 2, Inner lid × 2, Outer lid × 2) Vacuum head × 1, Plug × 3 Piston × 2, Syringe cap 3 of each Syringe cap with check valve 3 of each Cleaning container set (Cleaning container × 2, lid × 2, rubber ring × 2)
Usable Container	Specially designed containers 300 ml	Vacuum Pump Flow Rate	Depending on vacuum pump capacity		
Max Processing	Simultaneous filling of four 10 ml syringes	Operating Environment	10 to 35 °C, 35 to 85 % RH (Ensure no water condensation)		

◆1: Supports syringe made by above companies. ◆2: For other sizes, please contact us. ◆3: Do not reduce the pressure to a lower level than the saturated vapor pressure of water and organic solvent included in the material.

Line of Products



Planetary Centrifugal  
**Nano Pulverizer**

**NP-100**

Vacuum type  
**Syringe Chargers**

**ARC-600TWIN**

**ARC-40H**

- ...Planetary Centrifugal Mixers
- ...Planetary Centrifugal Vacuum Mixers
- ...Planetary Centrifugal Solder Paste Mixer
- ...Planetary Centrifugal Nano Pulverizer
- ...Vacuum Syringe Chargers