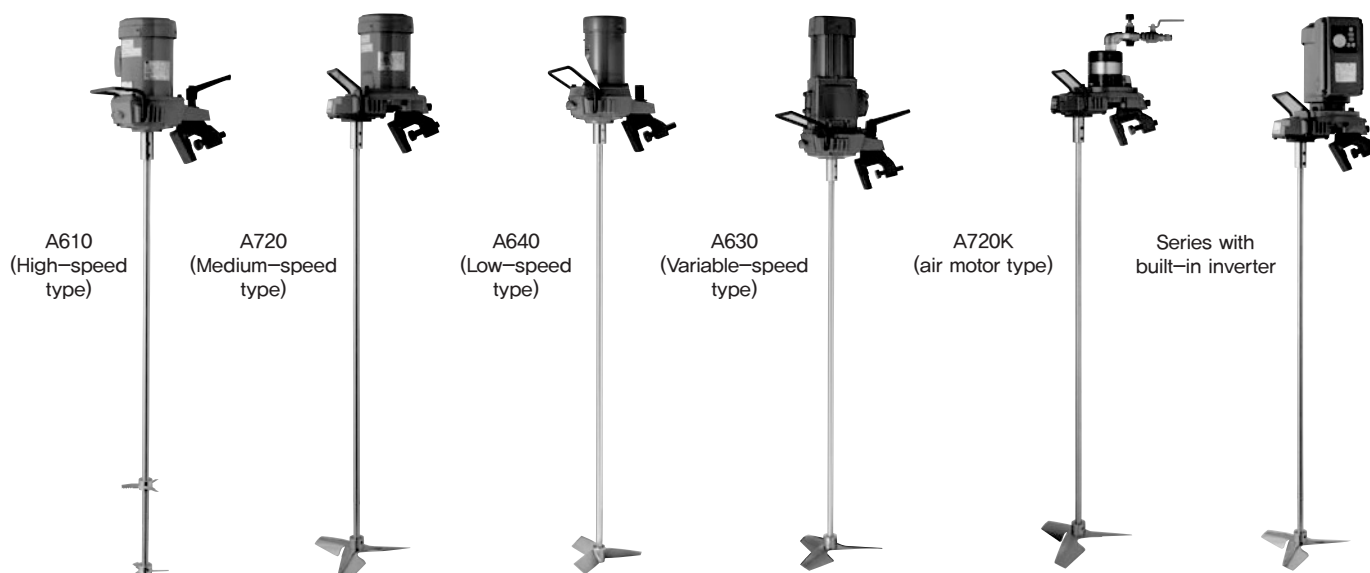


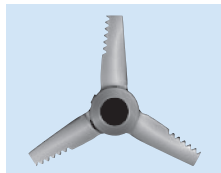
PORTABLE MIXERS A-SERIES



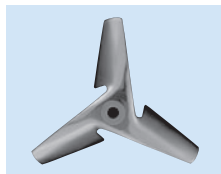
Clamp-type mixers are ideal for small lot production. These are compact and lightweight, low-priced, quality-enhanced, and maintenance free. They are also readily available.

- **A610 (High-speed type)** Design registered
Delivers maximum performance in applications where high shearing is required or where powdery substances must be forced into liquids for dissolution.
- **A720 (Medium-speed type)** Registered utility model/Design registered
It is suitable for mixing small and medium-volume liquids. Also, it is ideal for mixing ordinary soluble liquids, liquids for dilution and heat transfer, relatively easy to dissolve solids and liquids, dispersion, prevention of slurry setting, and uniform mixing.
- **A640 (Low-speed type)**
It is best suited for mixing liquids of relatively viscous liquids or for mixing in which foaming must be avoided.
- **A630 (Variable-speed type)**
It is capable of coping with changes in liquid viscosity, preventing excessive or insufficient mixing. Since the mixer can be operated at low speeds, operation can be safely performed while discharging the liquid from the tank.
- **A720K (Air motor type)**
The A520K driven by the air motor features a safe, explosion-proof construction. It is available with various values of rpm ranging from low rpm values to high rpm values, and eliminates problems, such as, motor burning and heat generation, even when it is overloaded.
- **Series with built-in inverter**
No space is required for separate inverter installation. The rotation speed can be easily and smoothly adjusted on the mixer body itself. Three versions are available in this series: high speed, medium speed, and low speed models.
- **A760 (Medium-speed type)**
Mixers are made of stainless steel to protect the product from rust and paint. It is ideal for fine chemical, pharmaceutical, and food processing applications.

■ Portable mixer impeller



- **S15 Impeller (High-speed type)** Design registered
This model rotates at high speed to generate a strong shearing force. The serration at the rear end of the blade generates a turbulent flow to break powder and fluid lumps, increasing the contact area of such lumps. This makes dispersion and dissolution extremely easy.



- **P36 Impeller (Medium-speed type)** Design registered
This superior hydrofoil impeller having camber and rake angle at each blade controls and converges the circumferential flow into a high-speed axial flow.



- **L18 Impeller (Low-speed type)**
The blades are finely twisted to control the direction of the discharge flow. The twisted blades also propel the liquid forcefully in the axial direction. This impeller proves effective in operations with low liquid level or where a large d/D value is required.

Specifications

●A610

Model	Motor		Speed(rpm)	
	Output (kW)	No. of Poles (P)	50Hz	60Hz
A610-0.065A	0.065	4	1,450	1,750
A610-0.1A	0.1	4	1,450	1,750
A610-0.1B	0.1	4	1,450	1,750
A610-0.2A	0.2	4	1,450	1,750
A610-0.2B	0.2	4	1,450	1,750
A610-0.4B	0.4	4	1,450	1,750
A615-0.4B	0.4	6	950	1,150
A610-0.75B	0.75	4	1,450	1,750
A615-0.75B	0.75	6	950	1,150
A610-1.5B	1.5	4	1,450	1,750

※ Two S15 impellers are supplied as standard accessories.

●A720

Model	Motor		Speed(rpm)	
	Output (kW)	No. of Poles (P)	50Hz	60Hz
A720-0.065A	0.065	4	300	360
A720-0.1A	0.1	4	300	360
A720-0.1B	0.1	4	300	360
A720-0.2A	0.2	4	300	360
A720-0.2B	0.2	4	300	360
A720-0.4B	0.4	4	300	360
A725-0.4B	0.4	6	200	240
A720-0.75B	0.75	4	300	360
A725-0.75B	0.75	6	200	240
A720-1.5B	1.5	4	300	360

※ One P36 impeller is supplied as a standard accessory.

●A630V

Model	Motor		Speed(rpm)
	Output (kW)	No. of Poles (P)	50Hz · 60Hz
A630V-0.06A	0.06	4	0~420
A630V-0.06B	0.06	4	0~420
A630V-0.09A	0.09	4	0~420
A630V-0.09B	0.09	4	0~420
A630V-0.2A	0.2	4	0~420
A630V-0.2B	0.2	4	0~420
A630V-0.4B	0.4	4	0~420
A630V-0.75B	0.75	4	0~420

※ One P36 impeller is supplied as a standard accessory.

●A640

Model	Motor		Speed(rpm)	
	Output (kW)	No. of Poles (P)	50Hz	60Hz
A640-0.1A	0.1	4	150	180
A640-0.1B	0.1	4	150	180
A640-0.2A	0.2	4	150	180
A640-0.2B	0.2	4	150	180
A640-0.4B	0.4	4	150	180
A640-0.75B	0.75	4	150	180

※ One L18 impeller is supplied as a standard accessory.

●Series with built-in inverter

Model	Motor		Speed(rpm)
	Output (kW)	No. of Poles (P)	50Hz · 60Hz
A610-□BX	0.2~0.75	4	175~1,750
A620-□BX	0.2~0.75	4	36~360
A640-□BX	0.1~0.75	4	18~180

※ Motor: Totally-enclosed fan-cooled indoor type

※ Inverter: Fixed-torque type (6~60Hz)

※ For A640 (low-speed type), 12~120 & 9~90 min-1 models are available.

●A720K

Model	Air motor model	Output (kW)	Air supply		Speed(rpm) 50Hz · 60Hz
			Consumption (Nl/min)	Pressure (MPaG)	
A720-0.06K	VA15L	0.06	180	0.35	200~360
A720-0.1K	VA15L	0.1	230	0.5	200~360
A720-0.2K	VA30L	0.2	400	0.5	200~360
A720-0.4K	VA50L	0.4	790	0.6	200~360
A720-0.75K	VA100L	0.75	1,300	0.5	200~360

※ An air control unit (consisting of a filter, regulator, and lubricator), ball valve, speed controller, and silencer are supplied as standard accessories.

※ The air consumption rates are based on the motor output shaft speed of 1,800 min⁻¹.

※ One P36 impeller is supplied as a standard accessory.

※ Oil-less motors and stainless steel motors are available.