

The Asahiklin series are fluorinated solvents optimal for rinse and desiccant uses.

- It can be dried at low temperatures and in a short time, so is effective for the drying of parts that are susceptible to heat.
- Its has outstanding drying characteristics and suppresses uniform stains resulting from drying.
- It has small effects on metals, resins, and elastomers and can be used for the drying of a wide variety of parts.
- It has no flash point (non-flammable) and does not require the use of explosion-proof cleaning machines.
- It is thermally and chemically stable and can be repeatedly used with distillation.

	Example	AE-3000	AK-225	AC-2000	AC-6000
Dewatering drying	Optical lenses, wafers, crystals, quartz, metal-plated parts, carbide metals and the like	○	○	○	
Alcohol drying	Optical lenses, wafers, crystals, quartz, metal-plated parts, carbide metals and the like	○	○	○	
Co-solvent	Precision metal machined parts (lead frames, automobile engines) Printed boards, liquid crystals, metal masks for OELs and the like	○	○	○	

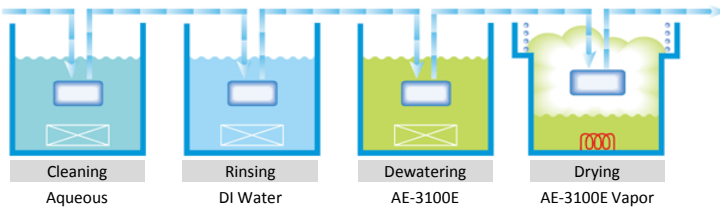
■ Dewatering system

A method for removing and drying the water with the Asahiklin series after cleaning.

The thermal and physical effects on washed objects is small compared with hot-air drying and spin drying and they can be dried uniformly in a short time. Suppresses the occurrence of stains after drying and improves drying yield.

The system is very safe and does not use combustible IPA (2-propanol).

There is no need for the facility to use explosion-proof equipment and it also reduces the electrical power consumed in the drying process.



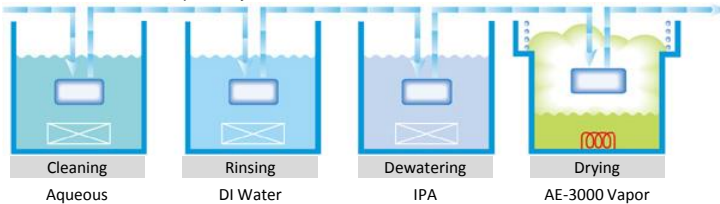
■ Alcohol drying process

Drying process using the the Asahiklin series after alcohol-types such as IPA are replaced after cleaning with water.

Since it dries using lower temperature steam than IPA, it has less thermal effects on the washed objects.

Since there is less moisture in the steam than alcohol, stains can be suppressed.

Since it can be used repeatedly, less waste is created.



■ Co-solvent system

System using the Asahiklin series for rinsing and drying after cleaning with hydrocarbon solvents.

Since drying is at low temperature, there is less thermal effect on the washed objects compared with hot-air drying and vacuum steam drying with hydrocarbons.

Drying time is shortened and cooling time after drying is not needed, so yield is improved.

Power consumption is reduced and drying time is shortened since there is no need for a cooling process after drying.

