

ROTORS

SEIBU GIKEN DST



Seibu Giken DST
is certified according
to ISO 9001.

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Seibu Giken DST offer you four different rotors with unique qualities

MODEL	UNIQUE QUALITY	HIGH CAPACITY KG WATER/HOUR	LONG LIFE-TIME	BACTERIOSTATIC**	BACTERICIDAL***	DESICCANT CHEMICALLY BOUND	NO DESICCANT CARRY OVER	WASHABLE	FACTS
	High quality adsorption rotor with long life time	✓	✓	✓		✓	✓	✓	<p>↳ SSCR-U, a rotor for standard applications</p> <p>In 1985, Seibu Giken Japan developed the world's first commercially available Silica Gel rotor. They remain the world leader in this technology, with today's version of the SSCR-U. Tests carried out by the prestigious Fraunhofer Institute show that no desiccant particles are carried out of a Seibu Giken rotor.</p>
	Eliminates bacteria	✓	✓	✓	✓	✓	✓	****	<p>↳ SSCR-H, a bactericidal and hygienic rotor</p> <p>Eliminates and kills bacteria. This hygienic rotor is designed for the food, pharmaceutical and confectionery industry. Antibacterial, due to the inclusion of an antibacterial agent during manufacture.</p>
	100% silicon free sorption rotor	✓	✓	✓		✓	✓	✓	<p>↳ SSCR-CI, 100% silicon free rotor</p> <p>The CI-rotor was developed specifically for the automotive, pharmaceutical and other industries requiring a 100% silicon free air supply. Manufacturing materials are guaranteed silicon free.</p>
	For dehumidification at low dew points	*	✓	✓		✓	✓	✓	<p>↳ SZCR, for low dew points</p> <p>Zeolite rotor for dehumidification for low dew points, down to -120°C dp. Handles high regeneration temperatures.</p>

* suitable for high regeneration temperatures. ** Bacteriostatic refers to a treatment that restricts the ability of the bacterium to grow. *** Bactericidal is a term that refers to the treatment of a bacterium such that the organism is eliminated **** Bactericidal effect will be drastically reduced if washed.



SSCR-U

A desiccant rotor suitable for most applications. The Millau bridge (France) has an extended life time, due to the corrosion prevention of the box sections by using DST dehumidifiers.



SSCR-H

A hygienic rotor developed for the confectionery, pharmaceutical and food industry. The rotor surface eliminates existing bacteria and prevents the formation of new bacteria.



SSCR-CI

When spray painting vehicles, a 100% silicon free environment is required. Some laboratories specify a regulated relative humidity level and a 100% silicon free air supply.



SZCR

The manufacturing process for lithium batteries requires a very low humidity level (ca 2% RH). The latest environmentally friendly electric vehicles use lithium ion batteries.