

Satake's four-stage sorting allows you to create varying level grades of your product.

1) Four stage sorting

New four-stage sorting system offers improved sorting efficiency compared with conventional three-stage sorting. Identification of specific defects is possible, allowing for sorting into three categories : rejects, premium-grade accepts, and low-grade accepts this is now possible to segregate final rejects into more than one quality based on a specific color. (*Available in 'QIS' model only)

2) Full color Trichromatic Camera - 16.7 million colors

The machine is equipped with Japan's latest full color Trichromatic camera which recognizes the target just like the human eyes do. Even slight color differences such as light yellow grain can be detected.

3) Automatic Defect Profiling

The machine incorporates advanced software to evaluate the color profile of target defects and automatically creates the sensitivity settings.

4) Advanced Shape Sorting

Enables the machine to remove defects by shape, such as broken, adhered or malformed. Very useful for final check on foreign material based on shape before packing.

5) More Ejectors per chute - for Precision Sorting

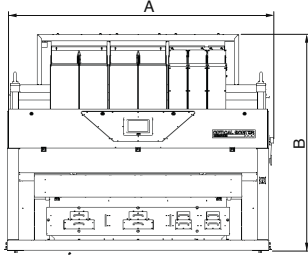
Advanced ejector valve pitch of 5mm can provide more precise sorting and it is effective to reduce the percentage of good grain in the final reject.

Specifications						
Model		EZER351(3)-T		EZER701(3)-T		
		BI	AIS	BI	AIS	DIS
Chute Quantity	Primary sorting	224 × 3	224 × 2	Flat 224 × 6	Flat 224 × 4	Flat 224 × 4
	Secondary sorting	-	224 × 1	-	U 224 × 2	Flat 146 × 2
	Tertiary sorting	-	-	-	-	U 146 × 1
	Quaternary sorting	-	-	-	-	-
Input Capacity(t/h)	Short-grain rice	0.9 - 7.4	0.6 - 4.9	1.8 - 14.8	1.2 - 9.9	1.2 - 9.9
	Long-grain rice	0.9 - 4.9	0.6 - 3.3	1.8 - 9.9	1.2 - 6.6	1.2 - 6.6
Air Consumption(NL/min)		300~750		600 - 1500		
Compressor (kW)		7.5~11		7.5 - 15		
Power Supply (V)		Single phase 200 to 240		Single Phase 200 - 240		
Net Weight (kg)		812		1170		

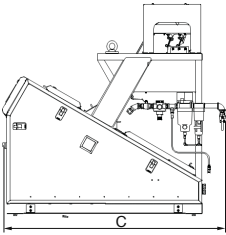
Model		EZER751(3)-T			EZER751-T
		BI	AIS	DIS	QIS
Chute Quantity	Primary sorting	224 × 6	224 × 4	224 × 3	224 × 3
	Secondary sorting	-	224 × 2	224 × 2	224 × 1
	Tertiary sorting	-	-	224 × 1	224 × 1
	Quaternary sorting	-	-	-	224 × 1
Input Capacity(t/h)	Short-grain rice	2.3 - 19.2	1.4 - 12.8	1.1 - 9.6	1.1 - 9.6
	Long-grain rice	2.3 - 12.8	1.4 - 8.5	1.1 - 6.4	1.1 - 6.4
Air Consumption(NL/min)		600 - 1500			
Compressor (kW)		7.5~15			
Power Supply (V)		Single phase 200 to 240			
Net Weight (kg)		1170			

Model		EZER951(3)-T			EZER951-T
		BI	AIS	DIS	QIS
Chute Quantity	Primary sorting	224 × 9	224 × 6	224 × 6	224 × 5
	Secondary sorting	-	224 × 3	224 × 2	224 × 2
	Tertiary sorting	-	-	224 × 1	224 × 1
	Quaternary sorting	-	-	-	224 × 1
Input Capacity(t/h)	Short-grain rice	3.4 - 28.8	2.3 - 19.2	2.3 - 19.2	1.9 - 16.0
	Long-grain rice	3.4 - 19.2	2.3 - 12.8	2.3 - 12.8	1.9 - 10.6
Air Consumption(NL/min)		1350 - 3375			
Compressor (kW)		11 - 22			
Power Supply (V)		Single Phase 200 - 240			
Net Weight (kg)		1500			

Dimensions(mm)			
Model	EZER351	EZER701,751	EZER951
A	1,426	2,122	2,829
B	1,719	1,719	1,719
C	1,628	1,628	1,628



< Front View >



< Side View >

All copyright and trademark rights of this catalog belong to Satake Co.,unless otherwise noted. Unauthorized copying, reprinting, etc. are forbidden. All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from those shown.

SATAKE CORPORATION

Head Office
2-30 Saijo Nishihonmachi,
Higashi-Hiroshima-shi, Hiroshima-ken,
739-8602, Japan
URL : <https://satake-group.com>

SATAKE (THAILAND) CO., LTD.
133,134 Moo 5, Bangkadi, Mueang
Pathum Thani, Pathum Thani 12000,
Thailand
URL : www.satake-th.com

SATAKE AUSTRALIA PTY. LTD.
15 Leland Street, Penrith, N.S.W.,
2750, Australia
URL : www.satake.com.au

SATAKE USA INC.
10900 Cash Road,
Stafford, Texas, 77477, U.S.A.
URL : www.satake-usa.com

SATAKE ASIA CO., LTD.
No. 101, True Digital Park Griffin Building, 14th
Floor, Unit No.1407, Sukhumvit Rd. Bangkok,
Phra Khanong, Bangkok, 10260, Thailand
URL : www.satake-th.com

SATAKE AMERICA LATINA LTDA.
Rua Xavantes, 155-Pav. 20, Bairro
Atiradores, CEP 89203-210, Joinville,
Santa Catarina, Brazil
URL : www.satake.com.br

PT. SATAKE GOBEL INDONESIA
Gedung Bumi Mandiri Tower I Lt.6
(601B), Jl. Basuki Rachmat 129-137
Surabaya, 60271 Indonesia
URL : <https://satake-group.com>

SATAKE EUROPE LTD.
Horsfield Way, Bredbury Industrial Park,
Bredbury, Stockport, Cheshire, SK6 2SU,
U.K.
URL : www.satake-europe.com

SATAKE VIETNAM CO., LTD.
Suite 101, No. 555 Tran Hung Dao
Street, Cau Kho Ward, District 1,
HCMC, Vietnam
URL : <https://satakevietnam.com>

SATAKE INDIA ENGINEERING PVT. LTD.
4th Floor, Tower-1, HB Twin Towers, A2,
3, 4, Netaji Subhash Place, Wazirpur
District Centre, New Delhi, 110034, India
URL : www.satakeindia.com

SATAKE MANUFACTURING (SUZHOU) CO., LTD.
229 Jin Feng Road, Suzhou New
District, Suzhou City, Jiangsu Province,
215129, China
URL : www.satake.cn

ISO 9001 Certification
(Quality Management Systems)

ISO 14001 Certification
(Environmental Management Systems)

SATAKE CORPORATION has obtained ISO9001 and ISO14001 certification. These international standards for management systems ensure Satake will continue to provide high quality products and services.

Full Color Sorting

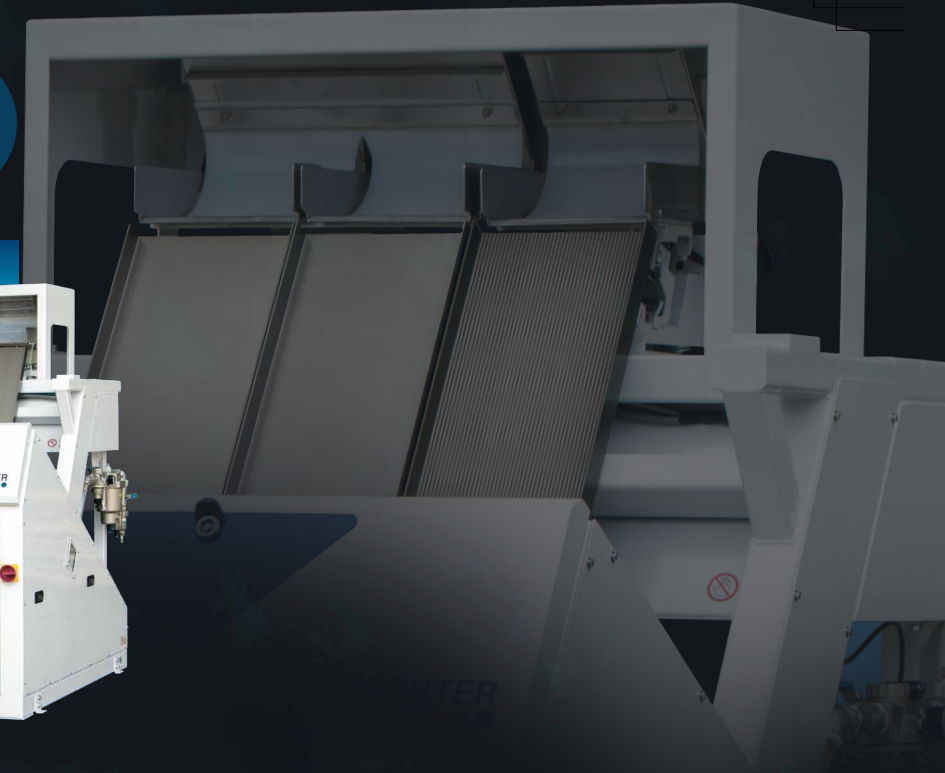
OPTICAL SORTER

EZER Series



EZER951(3)-T

Satake's all new full color optical sorter will provide you with the best solution in color sorting.



EZER351



EZER701,751



EZER951



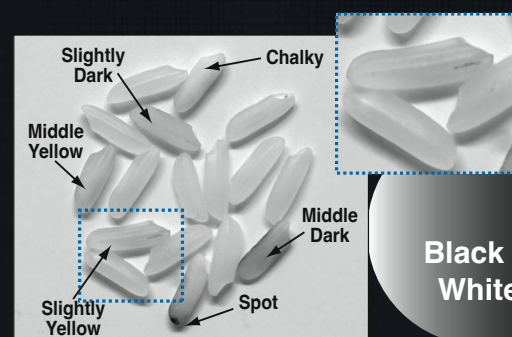
Rice Sorter with Optimal Combination of Cost and Quality

The machine serves the latest requirements for sorting Rice.

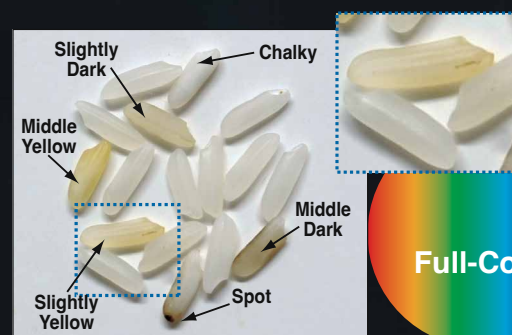


Accepts Rejects

Comparison of Monochromatic and Full Color Sorting

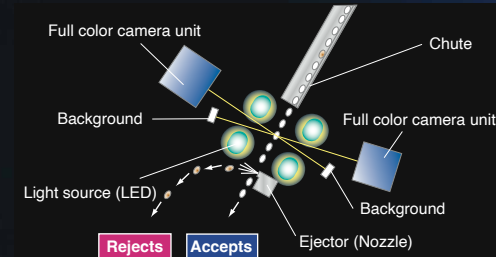


Black & White



Full-Color

Full Color Camera Unit



1. Full color cameras check rice as it flows through the chute.
2. Defective products are sorted and removed by compressed

LED Lighting



Long Lifetime, Low Power



Feeder & Chutes



Stable supply of materials to the optical section

Ejectors



High Speed Ejectors for Greater Accuracy

Advanced Color Touch Screen



Easy to use flick scroll

Ease of Operation by Advanced User Control



Automatic Sensitivity Creation