

Full Color Sorting

OPTICAL SORTER

REZX Series



REZX7500DIS(2)-C

SATAKE CORPORATION

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.

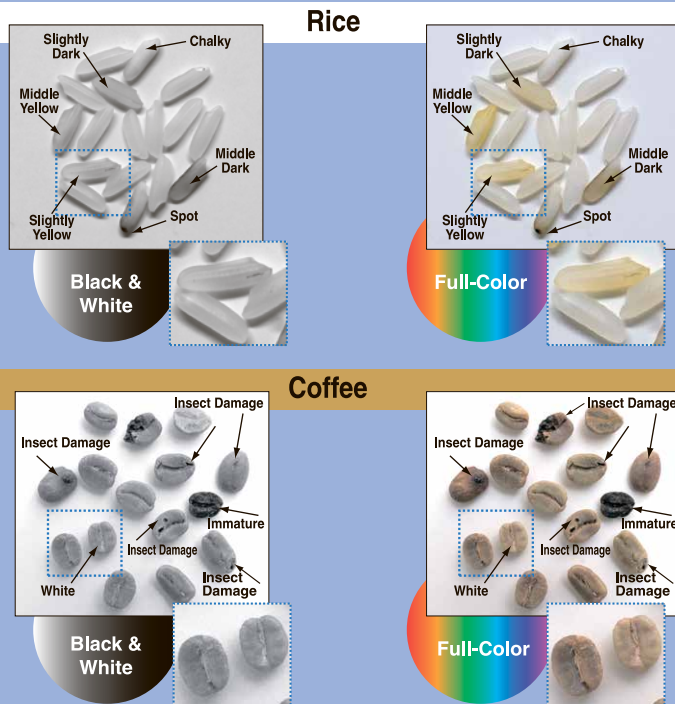
4) Advanced Shape Sorting

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.

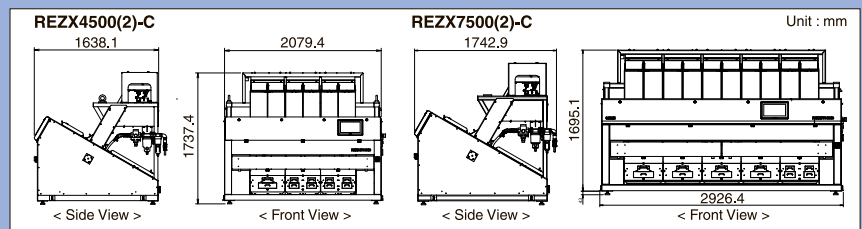
Comparison of Monochromatic and Full Color Sorting



Ease of Operation by Advanced User Control



Dimensions(mm) & Specifications



Model		REZX4500(2)-C				REZX7500(2)-C					
		BI	AIS	DIS	QIS	BI	AIS	DIS 6:2:2	DIS 6:3:1	QIS 6:2:1:1	QIS 5:2:2:1
Chute Width (mm) & Quantity (pcs).	Primary sorting	224 × 6	224 × 4	224 × 4	224 × 3	224 × 10	224 × 6	224 × 6	224 × 6	224 × 6	224 × 5
	Secondary sorting	-	225 × 2	146 × 2	224 × 1	-	225 × 4	224 × 2	224×3	224 × 2	224 × 2
	Tertiary sorting	-	-	141 × 1	224 × 1	-	-	224 × 2	225×1	224 × 1	224 × 2
	Quaternary sorting	-	-	-	224 × 1	-	-	-	-	224 × 1	224 × 1
Capacity (t/h)	Short-grain rice	2.3 - 19.2	1.5 - 12.8	1.5 - 12.8	1.1 - 9.6	3.4 - 32	2.3 - 22.4	2.3 - 22.4	2.3 - 22.4	2.3 - 22.4	1.9 - 18.6
	Long-grain rice	2.3 - 12.8	1.5 - 8.5	1.5 - 8.5	1.1 - 6.3	3.4 - 21.4	2.3 - 15	2.3 - 15	2.3 - 15	2.3 - 15	1.9 - 12.5
	Wheat/ Barley	2.3 - 12.8	1.5 - 8.5	1.5 - 8.5	1.1 - 6.3	3.4 - 21.4	2.3 - 15	2.3 - 15	2.3 - 15	2.3 - 15	1.9 - 12.5
Ejector Pitch (mm)		5					11 - 22				
Air Compressor (kW)		11 - 15				11 - 22					
Power Supply (V)		Single Phase 200 - 240									

* Some models only available in select countries due to local service availability.

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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.