Creating the Future
SATAKE

Full Color RGB and Shape Sorting

SLASH β PLUS

EMS-01BI



EMS-01BI

SATAKE CORPORATION

Introducing SLASH β PLUS, compact, efficient and precise optical sorter, delivering highly accurate results. With sorting capacity from 500kg up to 2 tons, this versatile sorter is ideal for small to medium commercial applications, pre-production lots and laboratory use.

Multiple Defect Ejection Timings

The system enables precision targeting and removal of defects of different densities, efficiently minimizing product loss.

Shape Sorting Technology

The Satake intelligent software maps the accept product and creates the shape parameters to detect defects and contaminants.

Optimizing Advanced Hardware

The combination of Satake's Advanced 4-color LED system, Japanese high definition Full Color cameras and 3S intelligent software aim to deliver precise results.

EMS SLASH β PLUS

SATAKE SMART SENSITIVITY 3S SYSTEM

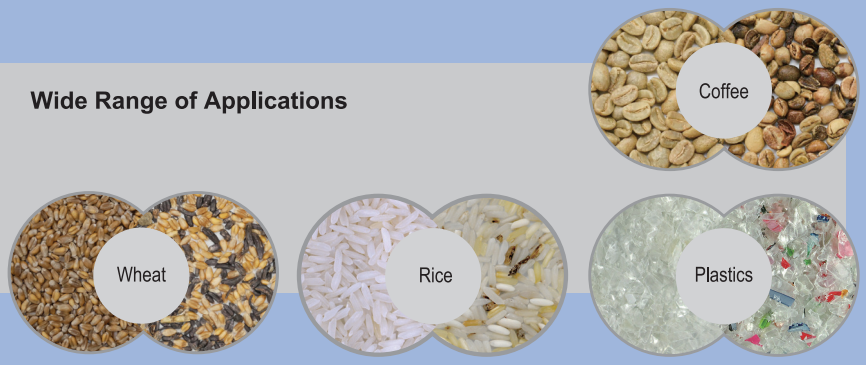
Satake 3S intelligent software

Developed by Satake, 3S, AI driven software uses complex algorithms to automatically generate the sort parameters, allowing operators to easily achieve optimal results.

Advanced results - Minimal training

Automatic settings creation, intuitive interface, simple icons and images, ensure easy, operation. Simply drop accept and reject product into the sorter and the 3S software will create the sort settings. Preview function displays an easy to understand visual of the settings.

Wide Range of Applications

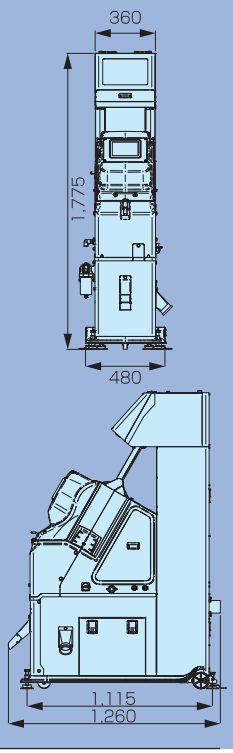


Specification

Model	EMS-01BI
Capacity※1	0.5~2.0t/h
Applications※2	Non-rice cereal, seed, plastic pellet, etc.
Material Supply	Vibration Feeder
Camera	2pcs.of full color CCD
Light Source	LED
Chute Type	Flat, U, Flat grooved (240 mm Width)
Ejector Valve	5mm pitch x 12pcs.
Operation Panel	Color Touch Panel
Required Power	0.6kW (Single Phase, AC 200 to 240 V)
Required Air Volume	240NL/min
Dust Extraction※3	5m³/min
Net weight	160kg
External I/O	Interlock input, alarm output, data output port

*1 Processing capacity varies depending on the type of raw material, the ratio of defective products contained in the raw material, and the sorting settings.
*2 Depending on the condition of the raw material, some items may not be sortable.
*3 A separate dust collection system is required. The required dust collection volume also varies depending on the raw material. Please use this as a guideline.

Dimension (Unit: mm)



Read the instruction manual carefully, perform thorough inspection and maintenance, and use the product correctly and safely. Product appearance and specifications are subject to change without notice. Performance data and capacities are for reference purposes only and may vary depending on the materials and environment. Names, logos, and other such marks are trademarks or registered trademarks of Satake or its affiliates. Unauthorized reproduction is strictly prohibited.

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ISO 9001 Certification (Quality Management Systems)
ISO 14001 Certification (Environmental Management Systems)

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

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