

Optical Sorter

# **PIKASEN** alpha **PLUS**

**FMS2000-F**



FMS2000-F

**SATAKE CORPORATION**

# Shape Sorting and Sensitivity Creation System

The new feature, automatic sensitivity creation system enables the machine to sort various materials in high accuracy. It's simple material feeding and discharging system makes the machine very competitive in price.



## Easy Sort Setting in Different Materials



Scan the accepts image with full color camera.

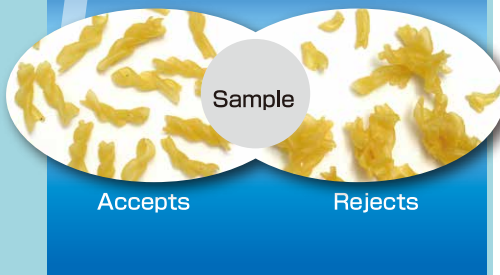


Scan the rejects image.



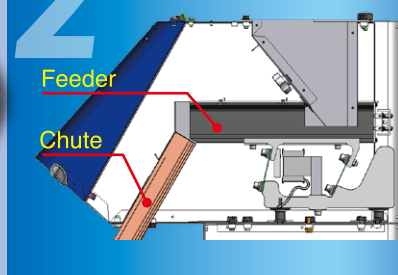
Press the button to create the sensitivity by which the machine distinguishes accepts and rejects.

### 1 Shape Sorting



Shape Sorting enables the machine to sort the material by shape (such as broken or adhered) which conventional color sorters could not achieve.

### 2 Stable Supply of Material



Feeder supply system enables fine adjustment of feeding amount.

### 3 Lightly Operating Touch Panel



Screen can be operated with the same actions as smartphones. Excellent visual screen design provides user-friendly operation.

## Specifications

Model	FMS2000-F
Subject Material *1	Rice, Beans, Seed, Industrial Products (Recycle Plastic)
Capacity (t/h) *2	0.5 - 2.0
Raw Material Supply	Feeder
Camera	Full Color CCD x 2
Light Source	CCFL x 6
The Number of Ejector	5mm pitch x 48
Chute Width (mm)	240
Control Panel	Full Color Touch Panel
Power Supply	Single Phase AC200~240
Power Requirement (kW)	0.6
Air Consumption (NI/min)	220 (50NI Ejector) / 330 (100NI Ejector)
Net Weight (kg)	160
Dimensions (mm)	(W) 480 x (H) 1,775 x (D) 1,260

\*1: Sorting is unable depending on condition of material.

\*2: Sorting performance varies depending on variety and contamination of material.

All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from those shown.

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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.