

Model Number		NRM3BI(3)-T	NRM3AIS(3)-T	NRM3DIS(3)-T	NRM5BI(3)-T	NRM5AIS(3)-T	NRM5DIS(3)-T
With Optional NIR		NRM3BM(3)-T	NRM3AMS(3)-T	NRM3DMS(3)-T	NRM5BM(3)-T	NRM5AMS(3)-T	NRM5DMS(3)-T
Chutes - Quantity	Primary sorting	Flat 336 mm x 3 pcs.	Flat 336 mm x 2 pcs.	Flat 336 mm x 2 pcs.	Flat 336 mm x 5 pcs.	Flat 336 mm x 3 pcs.	Flat 336 mm x 3 pcs.
	Secondary sorting		U-Grooved 336 mm x 1 pc.	U-Grooved 112mm x 2 pcs.		U-Grooved 336 mm x 2 pcs.	Flat 336mm x 1 pc, U-Grooved 112mm x 1 pc.
	Tertiary sorting			U-Grooved 112 mm x 1 pc.			U-Grooved 112 mm x 2 pcs.
Capacity	White rice	1.8 ~ 19.8 t/h	1.2 ~ 13.2 t/h		3.0 ~ 33.0 t/h	1.8 ~ 19.8 t/h	
	Brown rice	1.8 ~ 9.9 t/h	1.2 ~ 6.6 t/h		3.0 ~ 16.5 t/h	1.8 ~ 9.9 t/h	
	Wheat/Barley	1.8 ~ 9.9 t/h	1.2 ~ 6.6 t/h		3.0 ~ 16.5 t/h	1.8 ~ 9.9 t/h	
RGB Cameras		6 pcs.			10 pcs.		
Light Source for RGB		LED					
NIR Cameras		3 pcs.			5 pcs.		
Light Source for NIR		LED					
Ejector Valves		252			420		
Ejector Pitch		4 mm					
Air Consumption		600 – 1,500 NL/min			1,000 – 2,000 NL/min		
Compressor		5.5 – 11.0 kW			7.5 – 15.0 kW		
Power Supply		Single Phase, AC200-240V					
Operation Screen		12 inch color touch panel					
Net weight		1,020 kg			1,550 kg		
Dimension		W 1,786 mm x L 1,770 mm x H 1,730 mm			W 2,469 mm x L 1,770 mm x H 1,730 mm		
Option		Full closed cover					

Model Number		NRM7BI(3)-T	NRM7AIS(3)-T	NRM7DIS(3)-T	NRM7QIS(3)-T	
With Optional NIR		NRM7BM(3)-T	NRM7AMS(3)-T	NRM7DMS(3)-T	NRM7QMS(3)-T	
Chutes - Quantity	Primary sorting	Flat 336 mm x 7 pcs.	Flat 336 mm x 5 pcs.	Flat 336 mm x 5 pcs.	Flat 336 mm x 3 pcs.	Flat 336 mm x 4 pcs.
	Secondary sorting		U-Grooved 336 mm x 2 pcs.	Flat 336 mm x 1 pc.	U-Grooved 336 x 2 pcs.	U-Grooved 336 x 1 pcs.
	Tertiary sorting			U-Grooved 336 mm x 1 pc.	U-Grooved 336 x 1 pcs.	U-Grooved 336 x 1 pcs.
	Quaternary sorting				U-Grooved 336 x 1 pcs.	U-Grooved 336 x 1 pcs.
Capacity	White rice	4.2 ~ 46.0 t/h	2.7 ~ 30 t/h		1.8 ~ 19.8 t/h	2.4 ~ 26.4 t/h
	Brown rice	4.2 ~ 23.0 t/h	2.7 ~ 15 t/h		1.8 ~ 9.9 t/h	2.4 ~ 13.1 t/h
	Wheat/Barley	4.2 ~ 23.0 t/h	2.7 ~ 15 t/h		1.8 ~ 9.9 t/h	2.4 ~ 13.1 t/h
RGB Cameras		14 pcs.				
Light Source for RGB		LED				
NIR Cameras		7 pcs.				
Light Source for NIR		LED				
Ejector Valves		588				
Ejector Pitch		4 mm				
Air Consumption		1,400 ~ 3,500 NL/min				
Compressor		11.0 ~ 25.0 kW				
Power Supply		Single Phase, AC 200 ~ 240 V				
Operation Screen		12 inch color touch panel				
Net weight		1,960 kg				
Dimension		W 3,140 mm x L 1,770 mm x H 1,730 mm				
Option		Full closed cover				

* Sorting performance and capacity vary depending on variety, condition of material and initial contaminations

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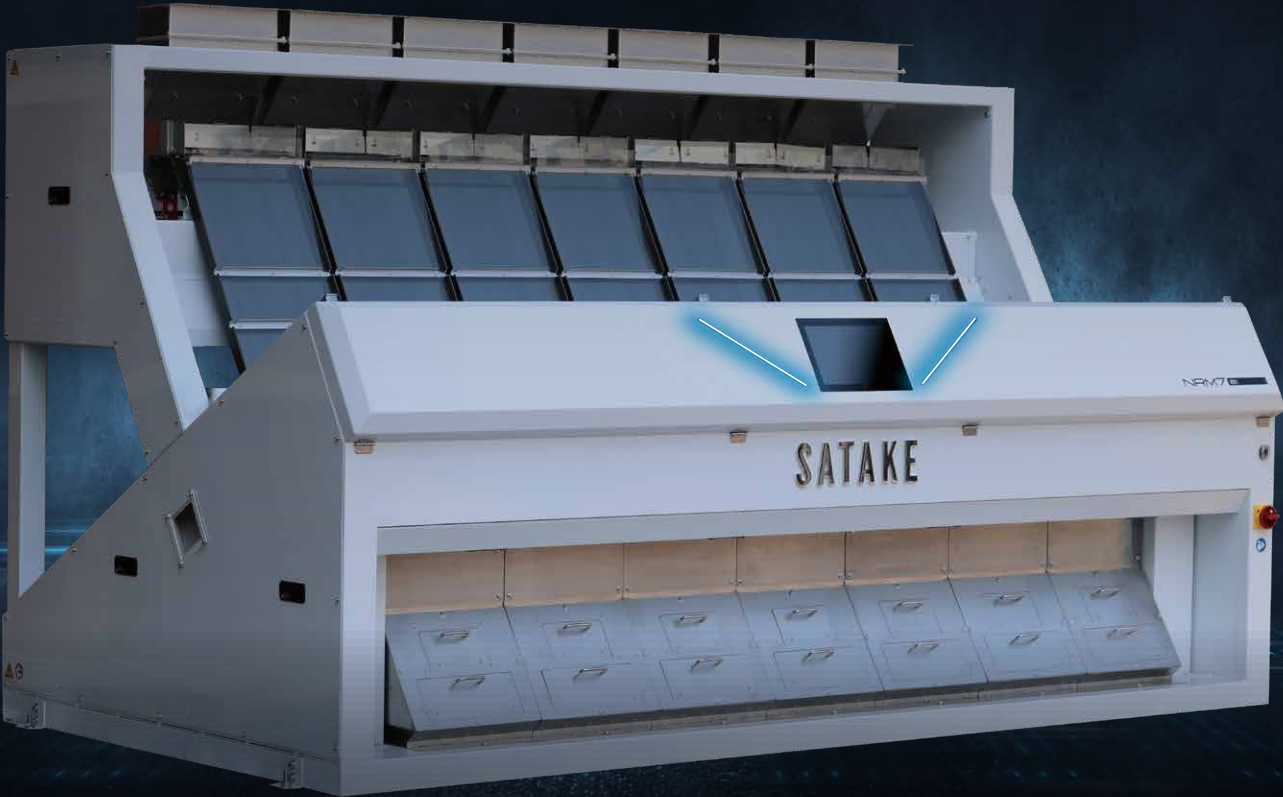
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Full-Color RGB, NIR and Shape Sorting



NRM Series



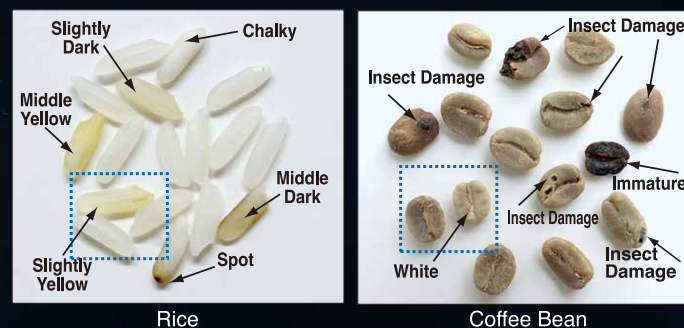
NRM7DMS(3)-T

The *Ultimate* Solution in Optical Sorting

NIRAMI, Satake's brand new full color optical sorter has arrived. Offering the ultimate solution in optical sorting, NIRAMI is sure to fulfill your sorting needs. A distinctive posture seen in the classical Japanese drama of Kabuki, NIRAMI means "to look intensely".

Full Color Cameras

The machine is equipped with Japan's latest full color cameras which allow the sorter to match the eye's ability to see true color. Even the smallest color differences are identified and rejected.



Near Infrared (NIR) Camera

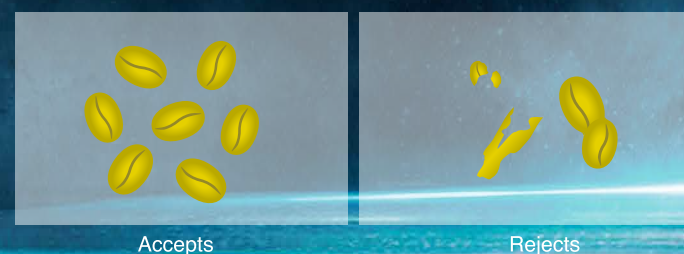
The NIR camera detects inorganic foreign material such as stones, plastic, glass and other items that have a similar color to the accept product. Impurities such as glass, plastic and stones which have the same color as the accept material cannot always be detected by a full color camera. Featuring both NIR high technology camera and RGB full color cameras the NIRAMI has the ability to detect and remove foreign materials.



Shape Recognition

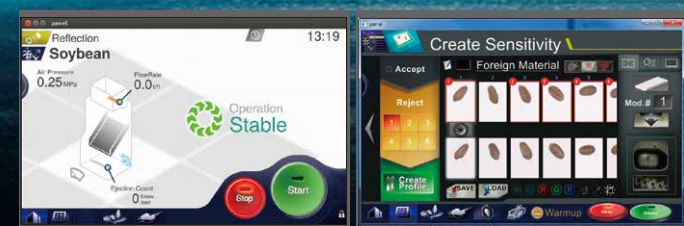
Shape recognition technology enables the machine to sort the material by shape (such as broken or adhered) which conventional color sorters could not achieve.

*Sorting performance varies depending on variety, size and contamination of material.



Advanced 3S Software

The 12 inch touch screen is designed for easy use. The user-friendly interface with simple icons and images provides intuitive operation of the machine. The advanced software evaluates the product application and automatically creates the sensitivity for accurate defect removal.



Remote Panel Control

Optional remote access via secure internet connection allowing the flexibility to monitor performance and provide diagnostic support.

optional service



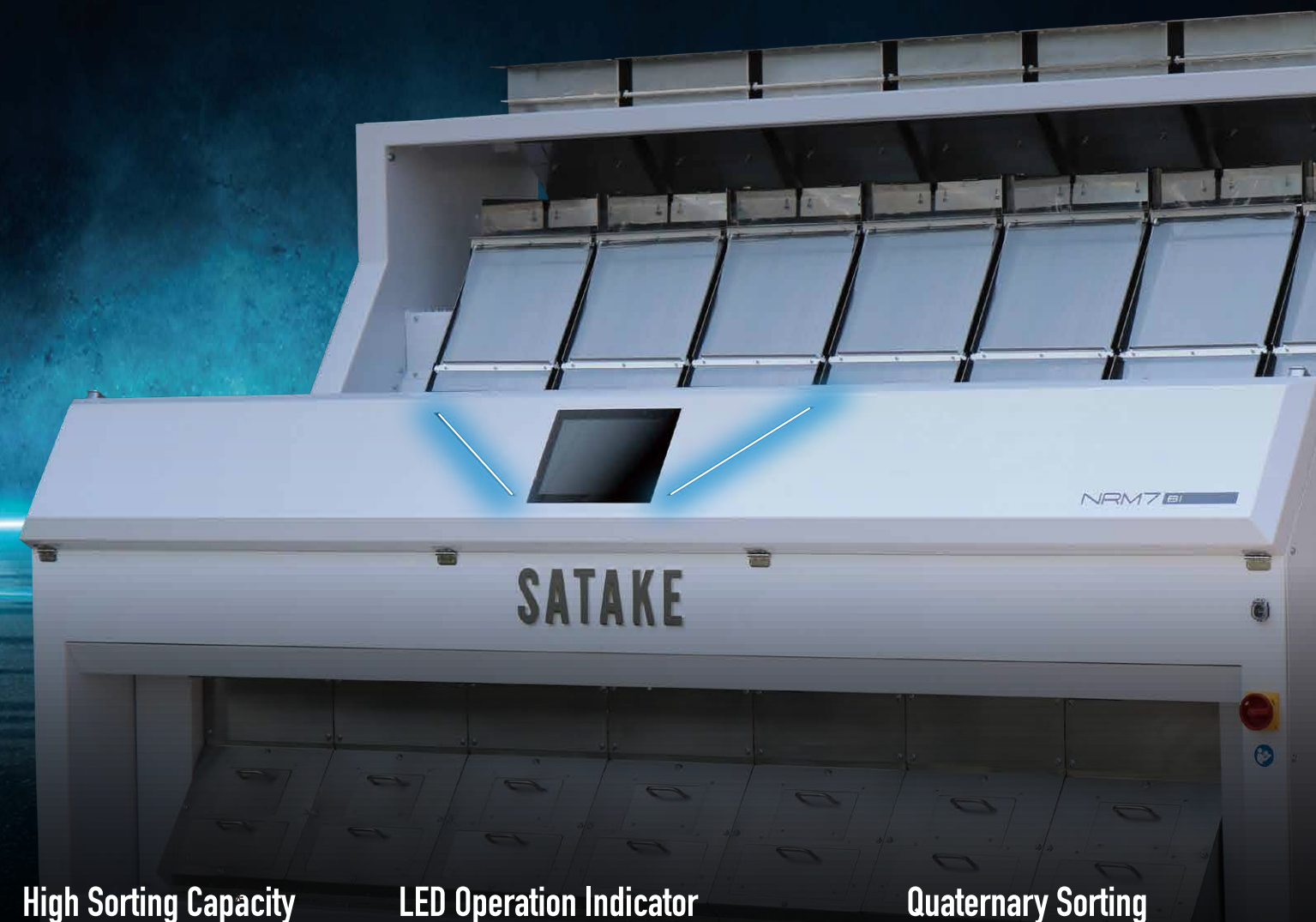
Easy Clean



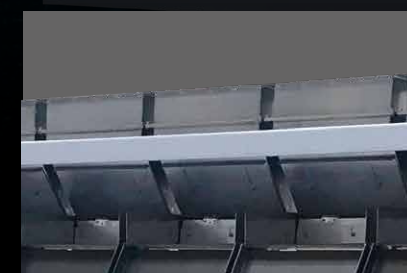
The open type body enables easy access to the cleaning positions.

Sort Various Materials

The machine serves the latest requirements for sorting rice, lentils, beans, cereals and nuts etc.

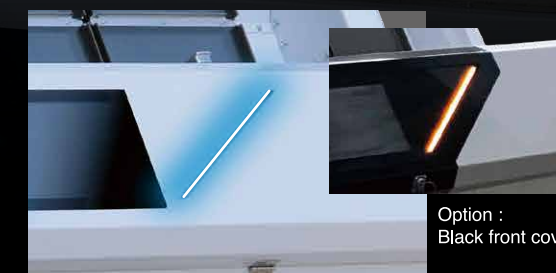


High Sorting Capacity



3 to 7 extra-wide chutes (sorting modules) to suit all capacity requirements.

LED Operation Indicator



Option : Black front cover

An LED operation indicator on the front of the NIRAMI allows operators to see the machine status at a glance.

Quaternary Sorting



Precise sorting is achieved with a four stage sorting system