

VISION SERIES

Proven performance, maximum flexibility

- Optical resolutions up to 0.09 mm in Full-Color or Monochromatic configurations, with optional NIR InGaAs or Low-NIR cameras.
- High capacity 360 mm chutes, with 72 high-speed ejectors each.
- High-speed processors with scan rate of 24KHz.
- Easy to use touch-screen interface with auto-calibration and remote assistance.
- IP6X certified, fully dust proof, doesn't require any cooling or heating from 0°C up to 40°C.



VISION SERIES

Proven performance,
maximum flexibility



Ever-increasing quality standards, across multiple markets and products, require a flexible and highly-adaptable solution. This is the scenario that led to the development of the VISION SERIES of optical sorters. With more than 600 machines in operation all around the world, and constant upgrades, ASM VISION sorters are a solid and proven choice for more than 100 different applications.

Flexibility

The ASM VISION is a proven and versatile optical sorter. Available in several configurations, including Full-Color and Multi-Spectral, and with a wide range of options which can be added even to existing machines. Customers can focus on what they really need and tailor the machine to their precise requirements, saving on options and components that are not needed.

Reliability

The Vision series is built for 24/7 continuous operation, with top-quality and durable components developed and produced exclusively for Sesotec ASM in Italy.

ASM VISION optical sorters are certified IP6X and are 100% dust proof. This is possible thanks to the special temperature-control system and energy-efficient components that reduce heat, and allow the ASM VISION to work from 0°C to 40°C without any additional cooling or heating. All optical and electronic components are protected inside pressurized optical boxes, without any exchange of air with the outside, ensuring years of trouble-free operation.

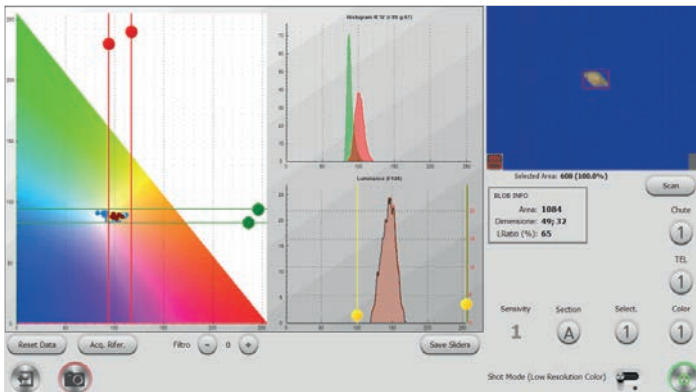
Performance Features

- Optical resolutions up to 0.09 mm in Full-Color or Monochromatic configurations, with optional NIR InGaAs or Low-NIR cameras.
- High capacity 360 mm chutes, with 72 high-speed ejectors each.
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Model	Height	Width	Depth
V100	1910 mm	896 mm	1703 mm
V200	1910 mm	1368 mm	1703 mm
V300	1910 mm	1670 mm	1703 mm
V400	1910 mm	2068 mm	1703 mm
V500	1910 mm	2414 mm	1703 mm
V600	1910 mm	2820 mm	1703 mm

Models





Simplified user interface

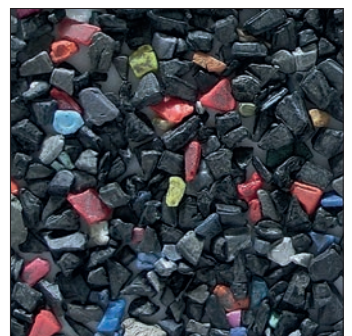
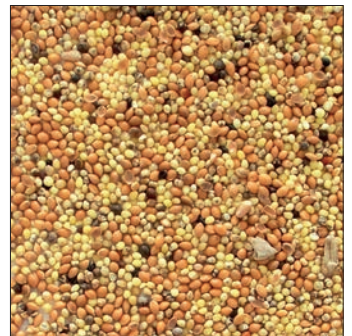
A wide range of applications

The VISION SERIES is used on more than 100 applications, from cereals to seeds, salt to pet-food. Users can process many different products, on the same machine, just by changing the sorting program.

They can easily create and save as many sorting programs as needed, containing all necessary settings, and each machine can be upgraded by adding cameras (up to 4 per chute), in any combination of Full-Color, Monochromatic, NIR InGaAs or Low-NIR. A choice of specialized or multi-purpose chutes is also available, to maximize product flow and performance.

Accepted material

Rejected material



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Sesotec system world



Detecting and separating contaminants:

Removing contaminants:

- metals
- plastics
- glass
- ceramics, porcelain, stones
- and many others

Removing from (good material):

- bulk materials
- liquids and pastes
- individually packaged product
- packed and loose items

Product types:

- end-products (food, textiles, plastics etc)
- industrial raw materials
- recycled materials

can be integrated into all types of conveyor systems



Detecting and separating sub-standard products

Qualitative defects:

- incorrect colour
- agglomerations
- breakages
- air inclusions in packs
- incorrect positioning / distribution

Quantitative defects:

- incorrect weight
- count errors (incorrect number of items in package)

Product types:

- end-products (food, textiles, plastics etc)
- industrial raw materials
- recycling materials

can be integrated into all types of conveyor systems



Sorting mixed materials into single fractions:

Types of material:

- glass
- plastics
- metals
- food
- and many others

Delivery flows:

- bulk materials
- individually packaged product

can be integrated into:

- conveying systems
- bulk material flows

Operating Companies:



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Choose the Original
Choose Success!