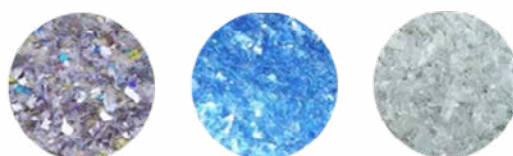


FLAKE PURIFIER⁺

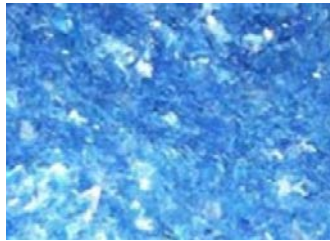
Multi-sensor sorting system for
plastics recycling



FLAKE PURIFIER+ MULTI-SENSOR SORTING SYSTEM FOR PLASTICS RECYCLING

The FLAKE PURIFIER+ system is especially designed for the sorting of plastic flakes such as PET, HDPE or mixed plastics flakes. Separation of material by air-blast unit.

Based on a modular concept these systems allow the combination of all available sensors for contaminant detection: sensors for metal separation, sensors for color separation / sorting, and sensors for the separation and sorting by plastic types. The information provided by the individual sensors is processed by the evaluation unit based on octa-core technology.



VERSATILITY

- Universal system for plastics recycling
- Modular sensor
- Air-blast unit configuration
- Easy maintenance and integration
- Dust-proof design

PLASTICS RECYCLING

- Sorting by material and color
- PET applications
- HDPE applications
- PP and PE applications
- Other plastics applications

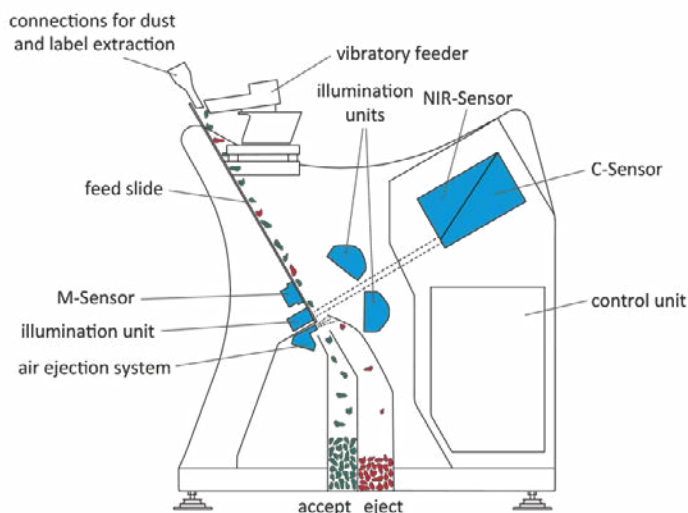
PERFORMANCE

- Effective contamination detection and separation
- Optimised material infeed
- Increased material throughput
- Integrated connections for dust and label extraction
- Optimised air system

DATA SHEET

MACHINE WIDTH		SORTERS ARE AVAILABLE WITH UP TO 3 SENSORS		
1 024mm	1 280mm	C	M	N
●	●	Color and Shape Sensor	All Metal Sensor	NIR Sensor

SPLIT MACHINE	Splitting of the sorting machine for sorting two different material streams in parallel or for 2-step-sorting
VALVE GRID	3.2mm valve grid to optimise sorting applications
SENSOR UPGRADE	Prewiring for future integration of additional sensors
SESODESK	New operating software combined with new octa-core technology



Function description: FLAKE PURIFIER+ multi-sensor sorting system

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