

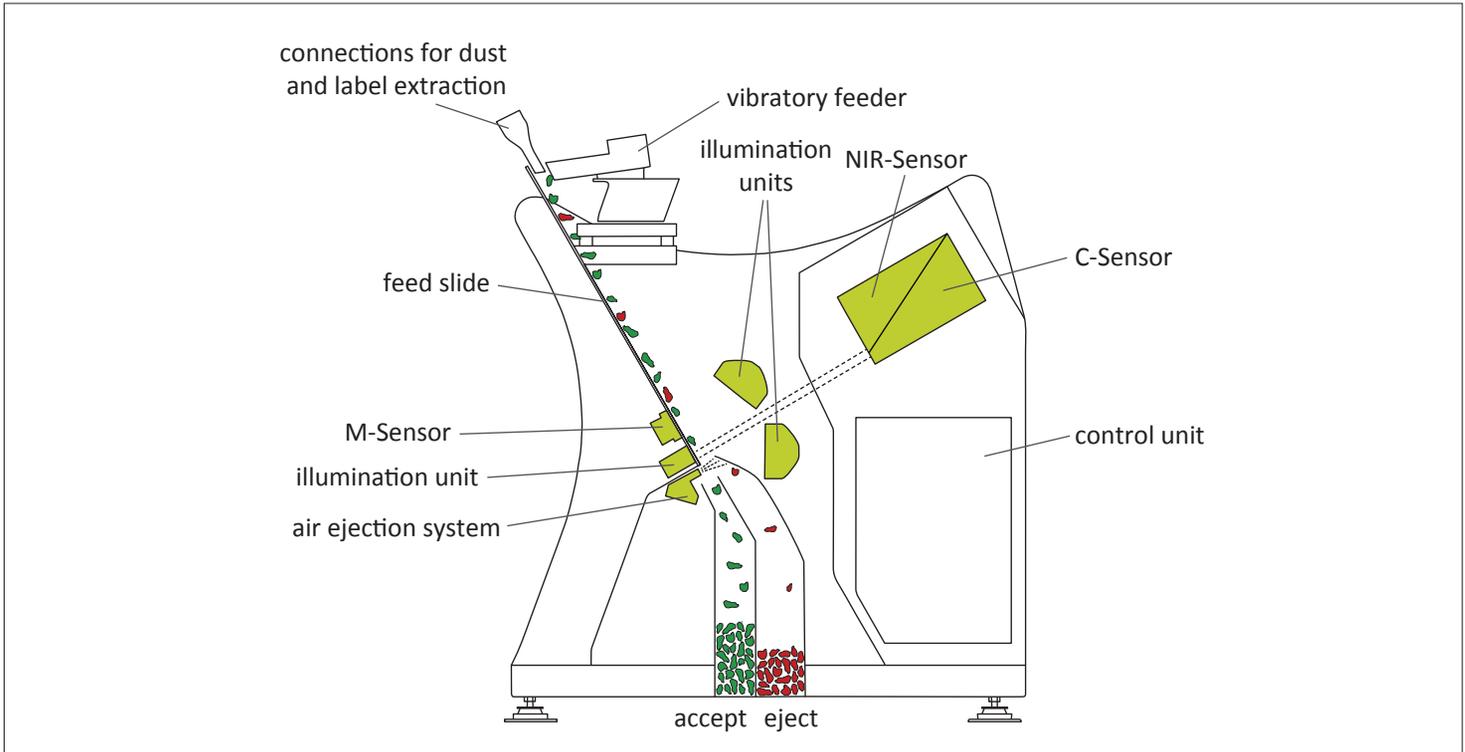
FLAKE PURIFIER+

Multi-sensor sorting system for Plastics Recycling

- Universal system for plastics recycling
- Effective contamination detection and separation
- Sorting by material type and colour
- Customised solutions



- Optimised material infeed for a more evenly distributed product flow and increased material throughput
- Dust-proof design and integrated connections for dust and label extraction
- Modular sensor and air-blast unit configuration
- Easy maintenance and integration
- Optimised compressed air and power consumption



Function description: FLAKE PURIFIER+ multi-sensor sorting system

Function principle:

Especially for the sorting of plastic flakes such as PET, HDPE or mixed plastics flakes Sesotec provides its FLAKE PURIFIER+ sorting systems.

Based on a modular concept these systems allow the combination of all available sensors for contaminant detection: Sensors for metal separation, sensors for colour 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. Separation of material by air-blast unit.

Working widths:

- 1024 mm
- 1280 mm

Sorters are available with up to three sensors:

- C** Colour and Shape Sensor
- M** All Metal Sensor
- N** NIR Sensor

Split machine

Splitting of the sorting machine for sorting two different material streams in parallel or for 2-step-sorting

Valve grid

Standard valve grid of 3.2 mm

Sensor upgrade

Prewiring for future integration of additional sensors

SesoDesk

New operating software combined with new octa-core technology

Options

Separately controlled vibratory feeders, compressed air tank with filter unit and pressure control, connections for dust and label extraction, data management system VISUTEC

For detailed information and applications advice please contact us to arrange a visit by one of our experienced Sesotec sales engineers.