FLAKE SCAN
Analyzing system for the plastics industry

- Universal system for plastic recyclers and processors
- Reliable detection of contaminants
- Quick analysis of large samples
- Established Sesotec sensor- and software-technology

- Easy to use touchscreen
- Digital archiving of results
- Adaptable to different materials
- Easy maintenance and integration
- Color, metal and material analysis in one system
Function principle:

Especially for the analyzation of polymer flakes such as PET-, HDPE or mixed plastics flakes Sesotec provides its FLAKE SCAN analyzing system.

Equipped with color and NIR camera the FLAKE SCAN reliably detects the amount of color and material contamination in a product sample. The absolute number of metal parts is analysed by a metal detector. The FLAKE SCAN can be customized for different materials. The results are presented through the SesoDesk software and can be compared with previous results. The FLAKE SCAN guarantees a substantial saving of time compared to a manual analysis and gives our customers the opportunity to quickly react to quality problems.

The FLAKE SCAN is available with up to three sensors:

- C: Color sensor
- M: Metal sensor (option)
- N: Near-Infrared sensor

Analysis of color, metal and material contamination

The results of the analysis can be illustrated in a chart or diagram. If a predefined limit for a color or polymer is exceeded, this is marked in the chart accordingly. The number of metal parts are also displayed.

Data storage

In the menu “History” the results of various samples can be viewed and compared in regards to color and polymer.

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