SAPPHIRE™

HIGHLY FLEXIBLE NIR SENSOR SORTING SYSTEM

The Sapphire™ is a sophisticated NIR sensor sorting system that is capable of identifying polymer resins as well as other materials (drink cartons, paper, etc.).

This advanced optical sorter provides MRFs and recyclers an affordable solution for optical separation of packaging materials.

FEATURES

- Single-eject or dual-eject setup
- Color touchscreen
- Ethernet or modem connection
- Language selection
- Change recipes by the touch of a button

MACHINE SPECIFICATIONS

- Machine width   800 - 2000mm
- Capacity plastic bottles*   1.5 - 6.0 tons/hr
- Efficiency*   Up to 98%
- Electricity   8 - 10kW
- Compressed air   100 psi / 7 bar

UPGRADES

- All-metal detector
- Split configuration
- Statistics and quality control reports

APPLICATIONS

- Material Recovery Facilities
- Plastic Recycling

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