

OPTICAL SORTING FOR PLASTIC WASTE RECYCLING



Advanced Optical Sorting Solutions for Plastic Waste Recycling

At Torontech, we are committed to advancing sustainable recycling through our cutting-edge optical sorting technologies. Our comprehensive range of machines is engineered to enhance the efficiency and accuracy of plastic waste sorting, ensuring higher purity levels and contributing to a circular economy.

Explore Our Optical Sorting Machine Range

1. [Flake Color Sorter \(ToronGV Series\)](#): Utilizes advanced imaging to sort plastic flakes by color, ensuring consistent quality.
2. [Light Color Sorter \(ToronGV Pro Series\)](#): Employs 360° recognition technology for precise sorting of light-colored plastics.
3. [PET Flakes Polymer Sorter \(ToronGI Series\)](#): Leverages Near-Infrared (NIR) technology to differentiate and sort PET flakes by polymer type.
4. [Mixed Plastic Streams Separator \(ToronGI Max Series\)](#): Designed to handle complex plastic mixtures, delivering high-accuracy separation.
5. [Aged Flakes Sorter \(ToronGU Series\)](#): Detects and removes aged or fluorescent flakes, enhancing the quality of recycled materials.
6. [Deep Learning Bottle Sorter \(ToronG-LP Series\)](#): Incorporates neural network algorithms for real-time, intelligent sorting of plastic bottles.
7. [Plastic Pellet Sorter \(ToronG-LG Series\)](#): Ensures uniformity by removing contaminated or misshaped pellets from production lines.
8. [FR & Non-FR Plastics Separator \(ToronKXA6/XA12 Series\)](#): Efficiently separates flame-retardant from non-flame-retardant plastics, as well as metals and non-metals.

Our machines are equipped with state-of-the-art sensors and AI-driven technologies to meet the diverse needs of modern recycling facilities. By improving sorting precision, they help reduce contamination, lower operational costs, and increase the

value of recycled plastics.

Discover how Torontech's optical sorting solutions can transform your recycling operations.



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