Madagascar Intelligent Optical Separator

This sensor-based optical sorting machine can distinguish plastic, paper, metal, glass, and other recyclable materials in mixed waste using a specialized optical sensor system or a high-resolution ...

The project includes developing systems and applications to improve separation processes, traceability, control, and governance across all plant facilities, using technologies such as supervised learning, ...

AI-powered processors analyze spectral responses in real-time, making 5,000+ decisions per second with 99.95% accuracy for complex material separation. Operates at industrial speeds of 12 tons/hour ...

MSS manufactures advanced optical sorting equipment using AI and NIR technology for recycling facilities. 50+ years" experience, lifetime support, free software updates.

Historical Data and Forecast of Madagascar Optical Isolator Market Revenues & Volume By High-Speed and Coherent Fiber Optic Communication Systems for the Period 2021- 2031

Its advanced optical design allows full image coverage at high speed, making it essential for optical sorting machines that require precise inspection and quality control. The high resolution and fast ...

We use the best international experience, our own developments and information received from real users of the equipment, which allows us to undertake the most difficult task of creating a new ...

Our optical sorters are versatile, flexible and efficient, and guarantee stable results throughout their service life, ensuring a return on investment for our customers. Optical sorting technology improves ...

MSS optical sorters use NIR and AI sensors with air ejection. Sort plastics, paper, metals by type and color. Fastest belt speeds at 1,000 FPM.

The optical sorter uses advanced optical technology, near infrared (NIR), mid-infrared (MIR) and visible light to sort wood, various plastics, paper, cardboard and non-ferrous metals by material and color.

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