

How to use a fiber optic sensor color sorting machine



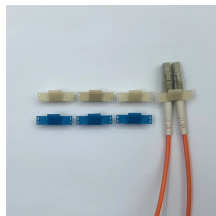
Leveraging the CIRRUS sensor platform, this system offers superior detection accuracy and flexibility. With MaxSelect™ and ClearLight™ technologies, it delivers high-definition imaging without the need ...



Optical sorting (or sensor-based sorting) is a technology that uses various sensors (such as cameras, lasers, or spectrometers) to automatically detect and separate items based on visual or ...



Most optical sorters designed to sort flakes use metal sensors or color cameras. TOMRA's is the only flake sorter that successfully combines simultaneous detection of color, enhanced material ...



Optical color sorters work by passing the product down a chute and into a small freefall. In this freefall, LEDs are used to illuminate the product, and a series of cameras capture the product image as it falls.



The concept on the Fibersort® machine is always the same, textiles should be fed one-by-one to the scanners and cameras for most accurate sorting and to enable a single-pass sorting in unlimited ...



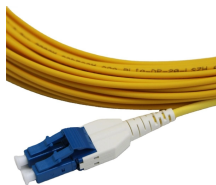
Make the most of secondary raw materials with our advanced optical sorting systems designed for waste recycling and metal recovery. We develop all sensors, mechanics, and software in-house for you to ...



Explore optical sorting technology. Learn how color sorters integrate with magnetic & vibratory equipment to ensure 100% product purity.



After the optical sensor captures the photo, AI determines what the object is and how likely it is, and passes the judgment result to the sorting machine. The instantaneous image is captured through the ...



FiberMax™ enhances fiber product quality and reduces manual sorting on the fiber QC line. FiberMax™ employs a high-resolution sensor to accurately sort fiber material at speeds up to 1,000 FPM (5m/sec).



Using technology made more efficiently by a High-speed, short wave Infra-red (SWIR) Hyperspectral Detection System, the MACH Hyspec® can sort different types of material, such as Plastics (PET, ...

Contact Us

For more information, pricing, or custom data center solutions, please contact us:

Website: <https://www.yoahorroenergia.es>

Email: hello@yoahorroenergia.es

Phone: +233 54 318 7269

Address: Plot 28, Spintex Road, Accra, Greater Accra, Ghana

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