MSS eMAX™

NEXT-GENERATION OPTICAL E-SCRAP SORTING TECHNOLOGY

Increased Recovery Rates • Highest Product Purity • Low Maintenance • Easy Sort Setup

Simply Smarter Sorting

The CIRRUS® eMax™ is specifically designed for e-scrap recyclers. An even higher scanning resolution than usual allows the handling of smaller particle sizes generated by shredders.

In-flight detection over an illuminated reference allows the sorting of opaque, transparent and black commodities such as ferrous, non-ferrous and stainless steel, wires, PCB as well as durable plastics such as ABS, HIPS, PC, and PMMA.

The CIRRUS® eMax™ combines high-resolution NIR, color, and employs highly advanced algorithms.

Best In-Class Optical Sorter

Our patented MaxSelect™ sequential scanning technology provides the best combination of scan rate, number of wavelengths, and NIR wavelength range (450nm – 2,500nm).

The integrated ClearLight™ technology provides the best signal-to-noise ratio of any optical sorter in the industry because MSS doesn't use gratings or light beam splitters.

A continuous automated internal calibration virtually eliminates the need for manual re-calibration on a regular basis. The sensor housing is under constant positive pressure which eliminates dust accumulation on the inside.

MSS

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300 Oceanside Drive, Nashville, TN 37204, USA
MSS, Inc. is a division of CP Group

Made in the **USA**

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NEXT-GENERATION OPTICAL E-SCRAP SORTING TECHNOLOGY

PMMA (Plexiglass)

Printed Circuit Boards (PCB)

Aluminum

Features

- NIR, color and metal ALWAYS included
- In flight detection over illuminated reference
- Continuous automated internal calibration
- Single-eject or dual-eject setup
- Split Configuration available
- Color touchscreen with remote access
- Language selection
- Change recipes by the touch of a button
- Statistics/QC reports

Technical Specs

Machine width	1200–2000mm; 48”–80”
Capacity*	0.5–3.0 ton/hr
Efficiency*	Up to 98%
Electricity	8kW
Compressed air	100 psi / 7 bar

** Actual throughput and performance depends on a number of factors including, but not limited to, input material composition, particle size, bulk density and % of targeted materials.*

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