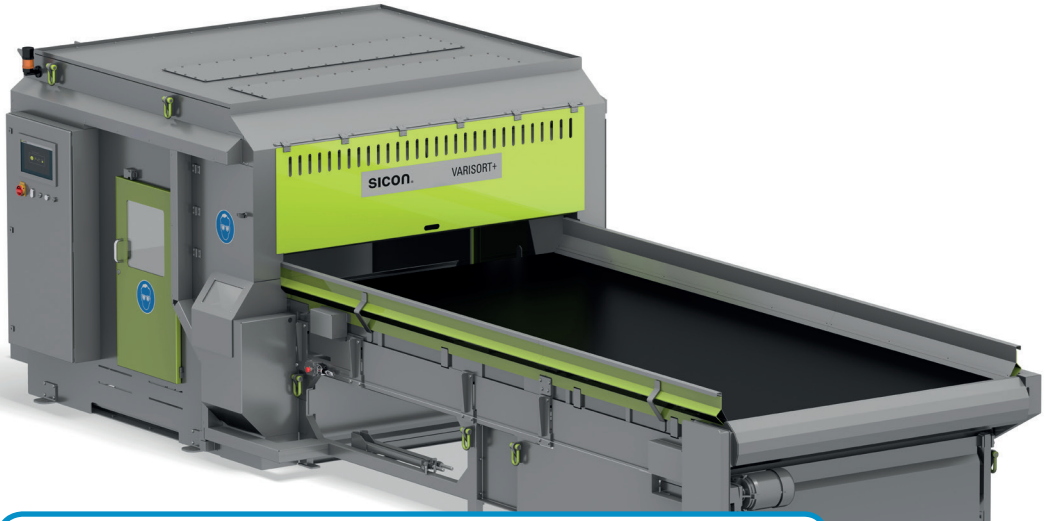
VariSort

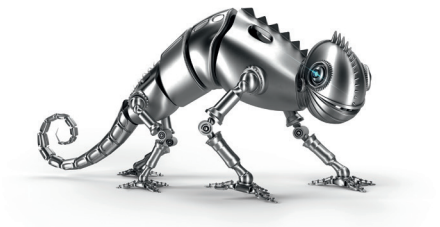
A full range of industry leading sensor sorters for the Non-Ferrous Downstream



SICON is proud to be the exclusive distributor of SESOTEC sensor sorters for the scrap industry. Our long-standing partner SESOTEC, based in Bavaria, Germany, has been dedicated to delivering optimized technical sensor sorting solutions of bulk material to customers for almost 50 years. As one of the global market leaders for sensor technology, SESOTEC is committed to in-house development of new products to always ensure highest-quality for sorting results.

BENEFITS

- Fits-your-needs variable working widths: 1,000, 1,500, 2,000, 2,800 mm (40", 60", 80", 110")
- Combination of different sensor types possible
- Optional parallel sorting of multiple materials on one machine by splitting the belt into different sections
- Optional third chute and second valve bar for sorting of material streams into three fractions in one pass
- Alternative valve grids available for custom separation applications
- Roller drive shaft, easy-access maintenance doors, fully-automated self-cleaning valves, belt speed of up to 160 feet per second (4 m/s)



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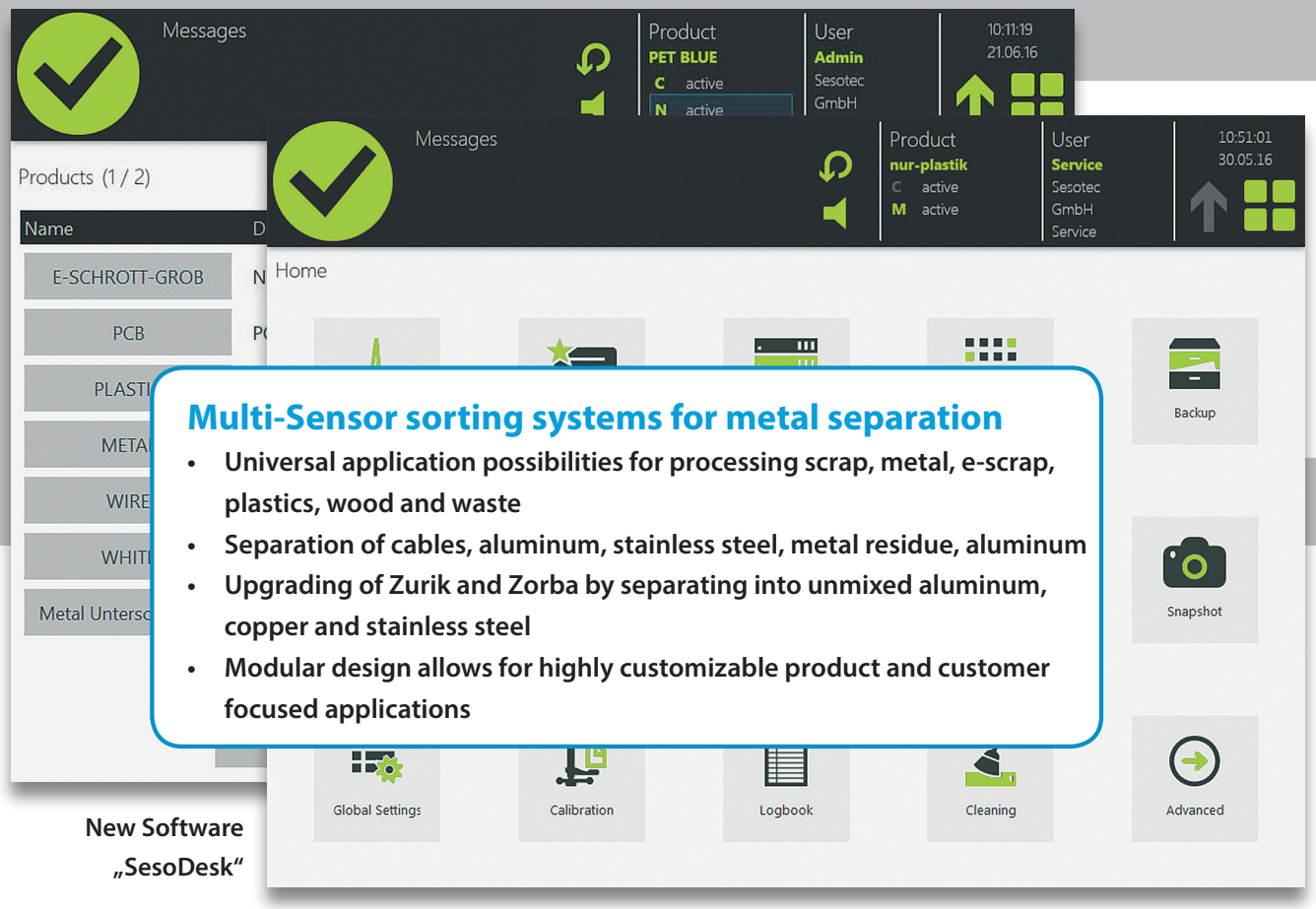

New Software „SesoDesk“

Multi-Sensor sorting systems for metal separation

- Universal application possibilities for processing scrap, metal, e-scrap, plastics, wood and waste
- Separation of cables, aluminum, stainless steel, metal residue, aluminum
- Upgrading of Zurik and Zorba by separating into unmixed aluminum, copper and stainless steel
- Modular design allows for highly customizable product and customer focused applications

VariSort - Fields of application

Application \ Sensor	Inductive	Camera	Inductive + Camera	XT X-Ray-Transmission	LS LIBS
Metal Detection	√		√		
Non-metal Detection			√		
Stainless Steel Detection	√		√	√	√
Aluminum Detection				√	√
Heavy Metal Detection				√	√
Wire Detection	√	√	√	√	
Circuit Board Detection		√	√	√	
Upgrading ZORBA		√	√	√	√
Separation of Copper/Brass/Bronze from Aluminum Alloys		√	√	√	√
Separation of Magnesium from Aluminum Alloys					√
Separation of different Aluminum Alloys					√

Contact us for more information about our products

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