

SPECTRUM

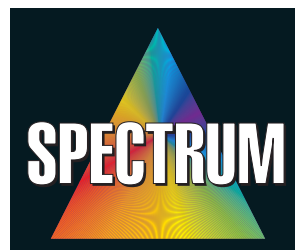
SPECTRUM

SBS-4001

BELT

SORTER

High Resolution Belt Type Camera Sorter



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High Resolution Belt Type Camera Sorter

The SPECTRUM SBS-4001 Belt Type Camera Sorter can be used for sorting a wide range of plastics such as Plastic flakes, Plastic pellets, master batches, recyclable granules etc. It can also be used for sorting Fresh and Dehydrated Vegetables, Minerals such as Feldspar, Quartz, Steatite etc. as well as Raw & Blanched Peanuts & for Pharmaceutical applications.

Using advanced high resolution line scan Cameras, the product to be sorted is scanned at up to 6000 scans per second producing a very high resolution image of the object.

The resulting image is displayed on a 15.1 TFT screen for on line viewing of the product.

The resultant product data are compared with user preset parameters to reject the defective product using ultra fast pneumatic ejectors.

The SBS-4001 is fully computer controlled with automatic calibration and self check procedures.

Instantaneous change over from one product to another is possible, using pre-stored sorting algorithms.

FEATURES

High resolution line scan Cameras.

Scanning at over 6000 scans per second.

Automatic cleaning of viewing area by wiper system.

Ultra fast pneumatic ejectors.

Automatic on line calibration with self check procedures.

Fully computer controlled.

TECHNICAL DETAILS

Air Requirements

Pressure : 7-10 Bar (100-145 PSI)

Consumption : 14-140 Ltr/Sec (30-300 cfm) approx.
depending on the rejection rate

Air Quality : Free of Water, Oil and Dirt

Electrical Requirements

Voltage : 230 V A.C.

Freq. : 50 Hz.

Phase : Single

Power : 2-4 KW

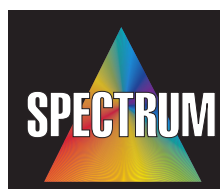
NO. OF EJECTORS

40-180 Ejectors depending up on the Belt width

Note: Specifications are subject to change without prior notice.

For details and enquiries contact:

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