

# CANTY

## PROCESS TECHNOLOGY

## COLOR / BLACK SPEC DETECTION



### THE CANTY ADVANTAGE

In-Line Color / Black Spec Analysis is accomplished by using the fundamentals of the RGB and YUV color scale system. A CANTY In-Line analyzer is used to continually capture images as the flow of product moves over a vibratory feeder or conveyor. The camera mounted over the stream is surrounded by software controlled LED's capable of swiveling for optimal illumination of the stream. Since specs are a different color from the product they appear in, they are extremely easy for CANTYVISION™ software to differentiate. When a color speck occurs, the particle is easily detected and an optional 4-20mA output option can be provided. The CCD camera is connected to a Cauty Vector Control Module (VCM) for analysis and output to the control system.

### SPECIFICATIONS

- Power: 120 VAC / 60 Hz (230VAC / 50 Hz)
- Shutter Speed: variable up to 1/100,000 sec

### FEATURES

- Defect particle distribution by color, major, minor diameter, area, perimeter available with Cauty Vector Control Module (VCM) System
- Scale for calibration of sample
- Adjustable lens magnification (sub micron to macro size in inches)
- Uniform surface lighting
- Shape Analysis
- Optional light filters available for wavelength sensitive materials

### APPLICATIONS

- Food Products
- Pharmaceutical powders
- Agricultural products
- Aggregates
- Detergents
- Spray dryers and fluid bed applications
- End product Q.C. and lot certification
- Many, Many more!

**CANTY**

[www.jmcanty.com](http://www.jmcanty.com)

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## Ordering Information

HOW TO ORDER: Select the appropriate characters to build the part number:

**S B - E 1 L 4 1 1 1**

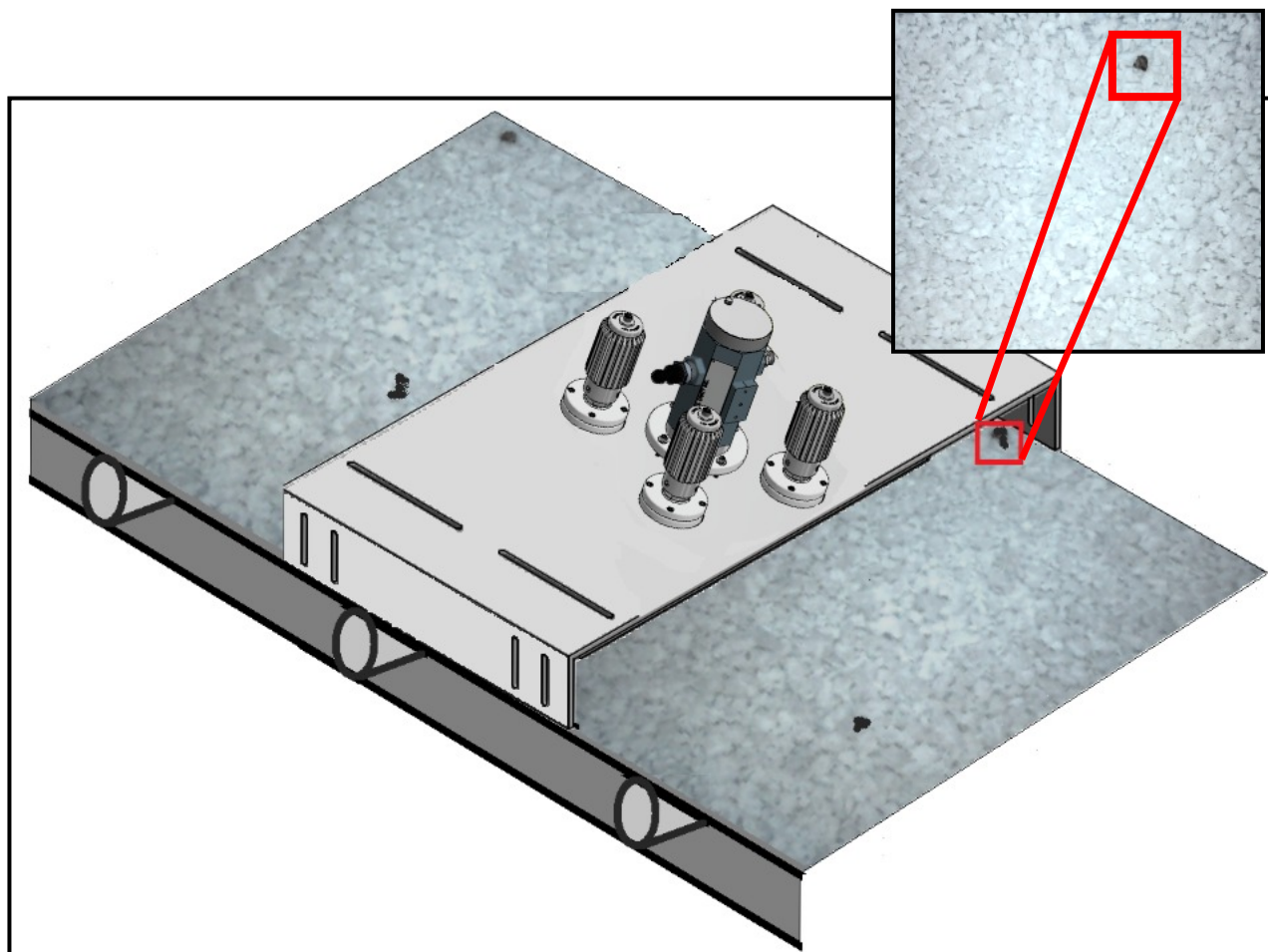
### INPUT POWER

1-	120V AC 60 Hz
2-	230V AC 50 Hz
3-	24V DC

### ACCESSORIES

1 -	No Accessories
3 -	Black Speck and Particle Size [50 - 3000 microns]

\*Application also includes Color Speck



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