

CANTY

PROCESS TECHNOLOGY

LAB SOLIDSIZER™ WITH COLOR ANALYSIS



THE CANTY ADVANTAGE

Lab SolidSizer™ with Color Analysis is accomplished by using the fundamentals of the RGB and YUV color scale system. A Cauty Lab analyzer is used to continually capture images as the flow of product moves over a vibratory feeder. The camera mounted over the stream is surrounded by a ring light for illumination of the stream. Since specs are a different color from the product they appear in, they are extremely easy for the Cauty CoreUnit™ 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 CoreUnit™ image processor for analysis.

FEATURES

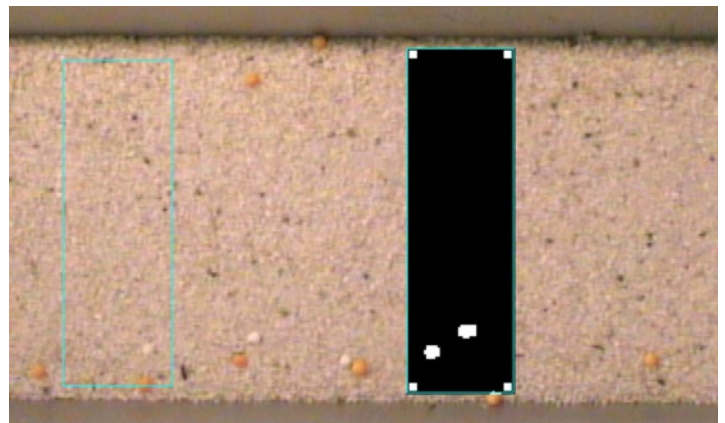
- Defect particle distribution by color, major, minor diameter, area, perimeter provided by the Cauty CoreUnit™
- Scale for calibration of sample
- Adjustable lens magnification (sub micron to macro size in inches)
- Uniform surface lighting
- Shape Analysis
- Optional light filters available for wavelength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

APPLICATIONS

- Pharmaceutical powders
- Polymer pellets and beads
- Agricultural products
- Aggregates
- Detergents
- Glass bead applications
- Food products
- Agglomeration control
- Spray dryers and fluid bed applications
- End product Q.C. and lot certification
- Many, Many more!

SPECIFICATIONS

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



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www.jmcanty.com

Document P/N: TA10612-1_REV6

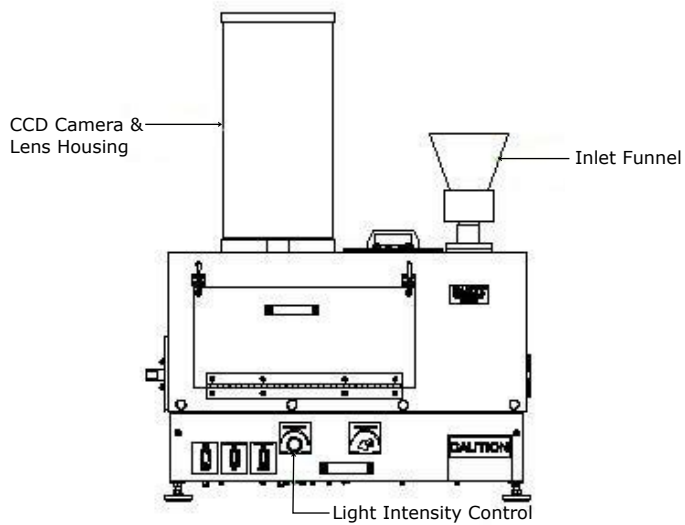
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JM Cauty Intl Ltd

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MOUNTING CONNECTION



Front View
-See Rear View for Cable Connections



Cauty CoreUnit™

Ordering Information

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

S B - B 1 L 4 1 1 1

STYLE SELECTION

B - Black Spec*

* Application also includes Color Spec

VIDEO SYSTEM FORMAT

B - NTSC (U.S. Color) 640 x 480 (BS Only)

E - Ethernet IP Camera

ENVIRONMENTAL RATING

1 - Lab Enclosure

SYSTEM ILLUMINATION

L - Back/Front Light (Ringlight)

ACCESSORIES

A - No Accessories

B - Black Spec and Particle Size [50 - 3000 microns]

TRAY MATERIAL

1 - Aluminum Tray

INPUT POWER

1 - 120V AC 60 Hz

LENS

4 - Color Only (BS Only)

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