

CANTY

PROCESS TECHNOLOGY

LAB SOLIDSIZER™



PARTICLE SIZING

The Canty Lab SolidSizer™ is an on-line particle sizing tool for lab environments to determine particle size, shape and distribution, thereby eliminating the need for sieve analysis.

THE CANTY ADVANTAGE

The Canty Lab SolidSizer™ is a small, user friendly particle analysis system. The light weight cover hinges open, revealing the camera and feed mechanism. The camera is mounted on a slide-post, enabling quick and accurate positioning. A LED light panel provides the uniform lighting necessary for typical run time from sample load to result display in just one to three minutes. Output format is operator adjustable.

SPECIFICATIONS

- Particle size range: 0.002" - 0.24"
- Power: 120VAC/60 Hz (230VAC/50 Hz option)
- Shutter Speed: Variable up to 1/100,000 sec



FEATURES

- Particle distribution by major, minor diameter, area, perimeter available with Canty Vector System (Optional)
- Real time particle size analysis
- Shape Analysis
- LED backlighting for true shape illumination
- Optional light filters available for wavelength sensitive materials
- Adjustable lens magnification (down to sub micron)
- External video connectors for signal processing by Canty Vector System (optional)
- Ethernet Control
- Excel data format available with Canty Vector System (optional)
- Light-weight, portable

APPLICATIONS

- Replaces existing lab screen / sieve systems
- Pharmaceutical powders
- Polymer pellets, beads, and granules
- Agricultural products
- Aggregates
- Glass bead applications
- Screen break detection
- Agglomeration control
- Spray dryers and fluid bed applications
- End product Q.C. and lot certification

ANALYSIS WITH VECTOR

- CantyVision™ System to measure and control your process parameters
- Vector System uses the live video data
- CANTYVISIONCLIENT™ Software to perform the desired process control functions
- Microsoft Windows based operating system
- Ethernet connectivity to 4-20 mA devices
- Lab Particle Sizing
- Color Analysis

CANTY

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Ordering Information

HOW TO ORDER: Select the appropriate symbols and build a part number as shown:

EXAMPLE:

SM - G 1 K 1 1 1 1

VIDEO SYSTEM FORMAT
G - Gigabit Ethernet (B&W) 1600x1200

ENVIRONMENTAL RATING
1 - Lab Enclosure

SYSTEM ILLUMINATION
K - Backlighting
L - Back/Front (Ringlight)

LENS
1 - Macro Zoom
PS Range: 10µm - 6,000µm

ACCESSORIES
1 - No Accessories

TRAY MATERIAL
1 - Aluminum Tray
2 - Stainless Steel Tray

INPUT POWER
1 - 120V AC 60Hz
2 - 230V AC 50Hz

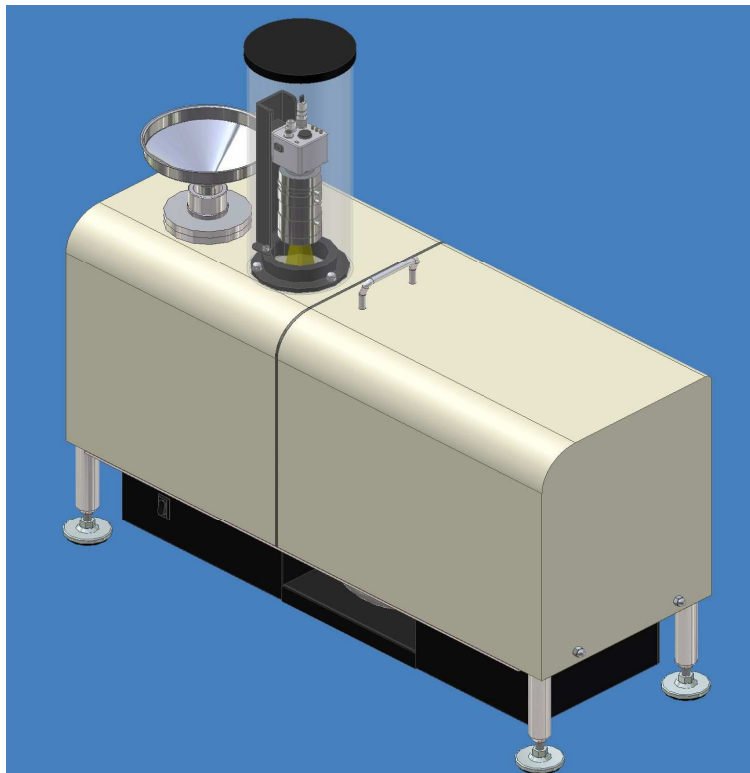
See Also:

LABPLUS SOLIDSIZER™ Ethernet Controlled Particle Analysis System (TA10142-1)

INDUSTRIAL SOLIDSIZER™ Industrial Solid Particle Analysis System (TA8748-1)

3-D ROCKSIZER™ Aggregate Particle Analysis System (TA9308-1)

* Shown with available Color Analysis option. Select option "L" under SYSTEM ILLUMINATION



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