CANTY
PROCESS TECHNOLOGY

ABLE
Instruments & Controls

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 fiber optic 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
- Fiber optic 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
- CantyVision™ 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

Ordering Information

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

EXAMPLE: **SM - G 1 K 1 1 1 1**

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

ENVIRONMENTAL RATING
1 - Lab Enclosure

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

LENS
1 - Macro Zoom
    PS Range: 10µm - 10,000µm
    View: 5µm - 15,000µm

ACCESSORIES
1 - No Accessories

TRAY MATERIAL
1 - Aluminum Tray
2 - Stainless Steel Tray
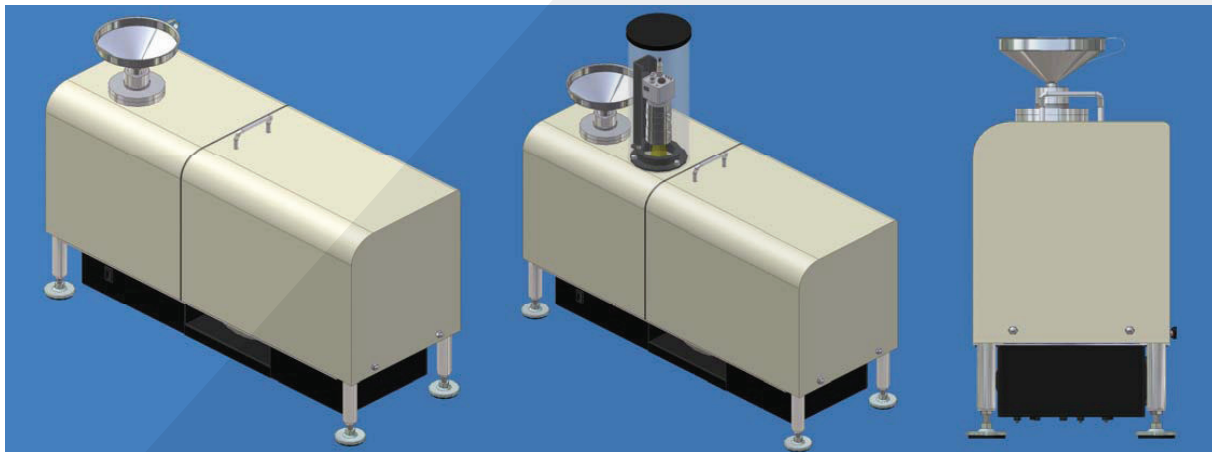
INPUT POWER
1 - 120V AC 60Hz
2 - 240V AC 50Hz

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)

*Available with Ethernet Network Video camera

Check off Dual Application