

CANTY

PROCESS TECHNOLOGY

THE LABORATORY SOLIDSIZER™



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

PARTICLE SIZING

The Canty Laboratory 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 Laboratory 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 accurate results. Results are Excel based and typical run time from sample load to result display is 1 to 3 minutes. Output format is operator adjustable.

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

SPECIFICATIONS

- Particle size range .002" - .24"
- Power: 120 VAC / 60 Hz (230VAC/ 50 Hz option)
- Shutter Speed: variable up to 1/100,000 sec

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Ordering Information

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

EXAMPLE:

SPA-5000

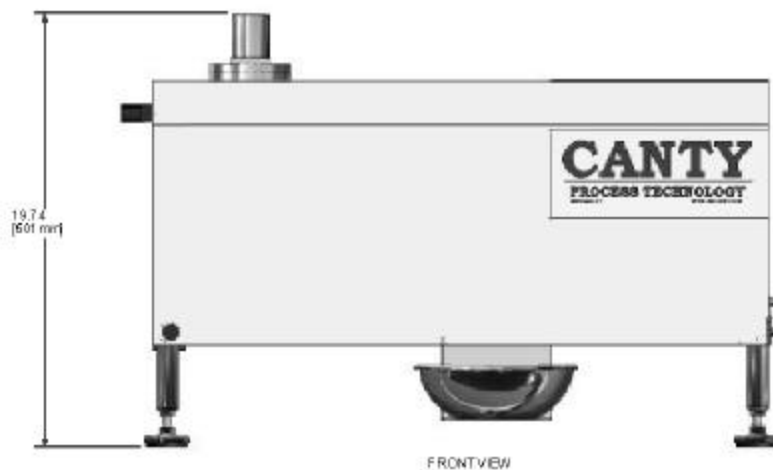
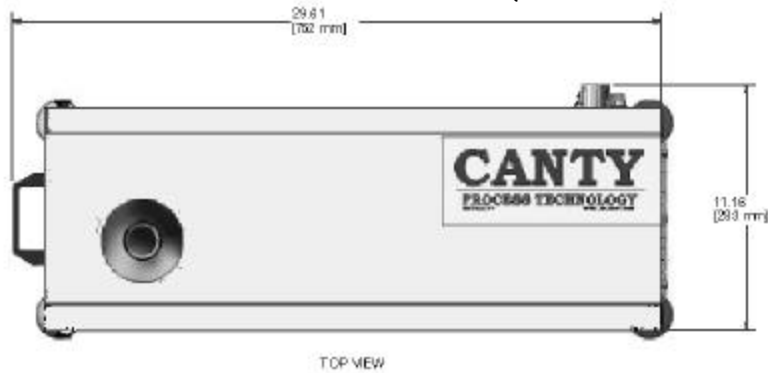
Video Format/Input Power _____
 A - EIA, 115V AC, 60 Hz (North American Standard)
 B - CCIR, 230V AC, 50 Hz (European Standard)
 C - EIA, 230V AC, 50 Hz (North American Standard)
 D - CCIR, 115V AC, 60 Hz (European Standard)

Environmental Rating _____
 4 - Lab Plus (Remote control)
 5 - Laboratory Chassis
 6 - Weather Proof
 7 - Explosion proof

Feeder
 0 - Standard Feeder

Accessories
 0 - No accessories
 1 - Fines Separator*

Particle Size Range
 0 - 0.002"-.24" (50 micron-6 mm)
 2 - 0.02"-.5" (0.55 mm-12.7 mm)
 (Ref. Document no.TA8748-1)
 3 - 0.1"-3" (2.5 mm-76 mm)
 (Ref. Document no.TA9308-1)
 5 - 0.25"-6" (6.3 mm-152 mm)
 (Ref. Document No.TA9308-1)
 7 - 0.75"-9" (19 mm-230 mm)
 (Ref. Document no.TA9308-1)



* Fines separator is used to separate small particles (under 80 micron) for optimal particle orientation. Consult factory if required for your application.

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