

CANTY

PROCESS TECHNOLOGY

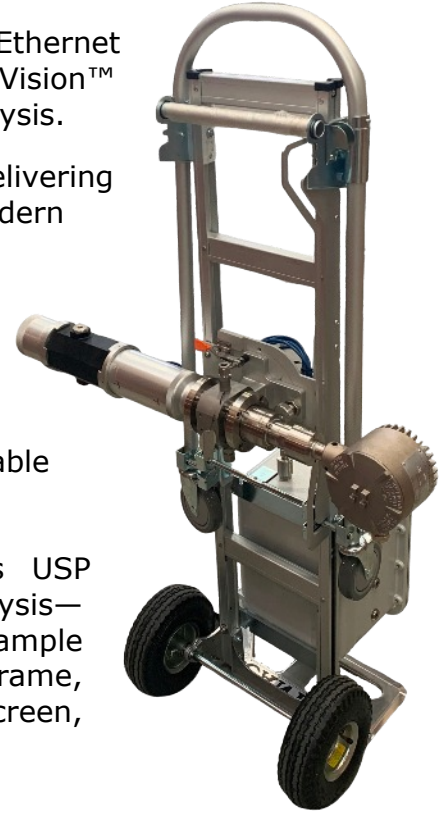
WEATHERPROOF TRANSPORTABLE INFLOW

The Canty INFLOW™ has been engineered with the latest Ethernet technology, CANTY fused glass, strobed LED lighting, and Canty Vision™ software to provide real time particle size, count, and shape analysis.

The InFlow™ brings unmatched clarity to sub-micron analysis, delivering real-time insight into particles with the speed and confidence modern process environments demand.

At the heart of the InFlow™ design is the FUSEVIEW™ flush window, engineered to maintain true laminar flow and eliminate any opportunity for product build-up. The sanitary Tri-Clamp™ design integrates seamlessly into existing lines, transforming routine monitoring into a powerful source of actionable data.

Paired with Canty Vision™ Software, the system provides USP 788/1788-aligned, two-dimensional particulate and organics analysis—all through non-destructive, microscopic imaging that preserves sample integrity. Precision optics and integrated lighting sharpen every frame, ensuring each image is optimized before it reaches your screen, enabling particle sizing down to 0.7 µm.



FEATURES

- Particle Size, Shape and Distribution with Real Time Analysis
- Fused Glass Pressure Barrier Standard
- Quick release Tri-Clamp™ body connections for easy cleaning
- Cold Back Light Eliminates Heating of the Sample
- Gigabit Ethernet High-Speed Imaging Device
- Analyze particles down to .7 micron
- Software analysis of up to 15 FPS

THE CANTY ADVANTAGE

- Real time measurement, particle size & shape/characterization.
- Visual verification and the ability to timestamp recorded video.
- User friendly design and software
- Image based microscopy / Two dimensional.
- Multiple flow configurations (on-line, at-line, lab based).
- Available Tri-Clamp™ connections allow for optimal sanitary conditions, CIP or SIP.
- Ultra Clean flow cell means no particulate build-up

CANTY

www.jmcanty.com

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ORDERING INFORMATION

Part # DPC-VSBADBDBOLT0

TECHNICAL SPECIFICATIONS

Measurement

Operating Principle

Dynamic Imaging

Range*Particle Size: 4 - 160 μm Particle Counts up to 10^6 particles/mL**Response Time**

< 1 Second

Operational Ratings

Pressure**

150 PSI

Temperature

200°F (93°C)

Mechanical Data

Connection

1/2" Tri-Clamp Inlet & Outlet

Wetted Materials***

316L S

Seal Material***

EPDM

Weight

157 lbs (71kg)

Dimensions

520mm(W) x 570mm(D) x 1580mm(H)

(1000mm(W) with InFlow in Operational Position)

Electrical Data

Power Requirements***

24V DC 8A

* Size and count ranges detailed are the maximum accuracy ranges. Measurement of particles / droplets outside these ranges is possible, but with a reduced level of accuracy. Consult CANTY for details.

** Dependent on customer supplied clamps

** Consult CANTY for other options