FlowCam® Nano

IMAGING PARTICLE ANALYSIS SYSTEM

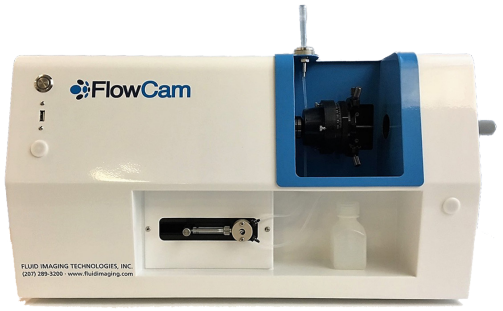
Nano-Flow Imaging™ for Parenteral Drugs

OVERVIEW

Introducing the FlowCam® Nano by Fluid Imaging Technologies, Inc., the first ever nano-flow imaging™ particle analysis system.

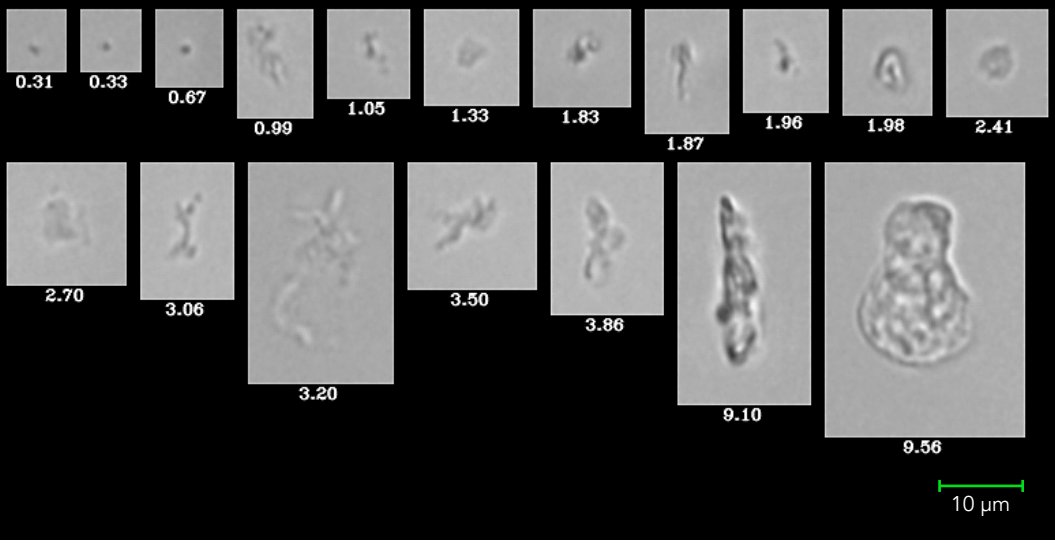
The FlowCam Nano features a patented oil immersion, flow imaging technology paired with our industry-leading image analysis software VisualSpreadsheet® to provide you with the most comprehansive particle analysis research and development tool for parenteral drug analysis.

- Image and analyze particles ranging from 300 nm to 10 µm in size
- Obtain relative quantifications of intrinsic, extrinsic, and inherent particles in parenteral drugs
- Use morphological data to identify the structure and nature of contaminants and improve product development



APPLICATIONS

Image, count, and analyze subvisible particles in protein therapeutics, injectables, and other parenteral drugs



PARTICULATE WITHIN A PARENTERAL DRUG, RANGING FROM 310 nm TO 9.6 µm IN SIZE, AS IMAGED BY THE FLOWCAM NANO. DIAMETER (µm) OF EACH PARTICLE IS NOTED BENEATH EACH IMAGE. PARTICLES CAN BE SORTED BY 40+ PARAMETERS, INCLUDING MORPHOLOGICAL CHARACTERISTICS, USING VISUALSPREADSHEET.

RIFERIMENTO PER L'ITALIA

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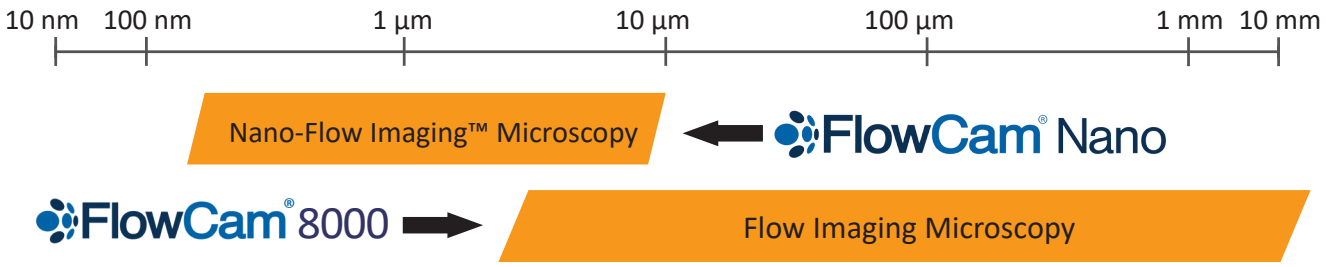
FLUID IMAGING TECHNOLOGIES, INC.

FLOWCAM® NANO

Nano-Flow Imaging™ Analysis for Parenteral Drugs

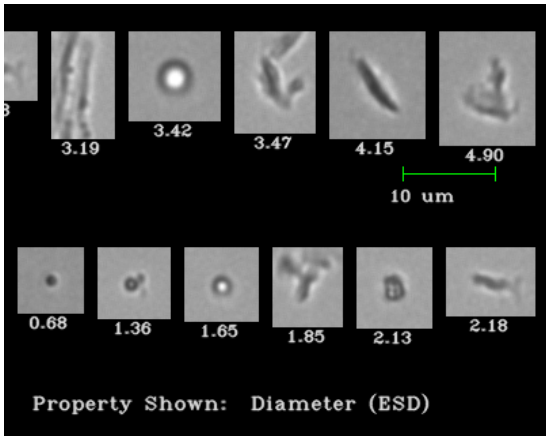
FlowCam Nano	
Method	Oil immersion flow microscopy
Size Range	300 nm to 10 µm
Minimum Sample Volume	20 µL
Magnification & Flow Cell	40X magnification with 50 µm flow cell
Numerical Aperature	1.4 NA
Camera's Field of View	150 µm height x 200 µm width
Camera Frame Rate	Up to 120 frames per second
Focus Method	Manual
Flow Rate	0.02 mL/minute
Image Format/Type	TIFF/8-bit Grayscale

Extending visual particle analysis below 1 µm



Contact us for more information

Can the FlowCam Nano solve you particle analysis needs? Use the information below to contact a sales representative to learn more information.



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