FLUID IMAGING TECHNOLOGIES, INC. FlowCam®

Attention Pittcon 2018 Attendees

Stop by and learn more about *Nano-Flow Imaging Particle Analyzer* at Fluid Imaging Technologies' **Booth #1628**

An abstract titled "*FlowCam Nano provides counts, sizes and images of nano-and microparticles: Application to a therapeutic protein pumping study"* will also be presented

Abstract Number: 1080 - 4 Session 1080 - Nanotechnology – Bioanalytical
Tuesday, February 27, 2018
Afternoon Room Exposition Floor, Aisles 2000-2700

Fluid Imaging Technologies Introduces First Ever Nano-Flow Imaging™ Particle Analyzer

New FlowCam® Nano Ends Biopharmaceutical Dark Ages, Begins Enlightenment.

FEBRUARY 6, 2018 - Scarborough, ME: For the first time ever, Nano-Flow ™ particle imaging provides digital images of particles ranging in size from 300nm to 30µm using patented, oil immersion technology for enhanced optical resolution. The new FlowCam® Nano from global laboratory instrumentation manufacturer Fluid Imaging Technologies, Scarborough, ME (www.fluidimaging.com) is the world's only flow imaging nano particle analyzer. The FlowCam Nano reveals protein agglomerates, silicon oil droplets, glass shards and other opaque, transparent and translucent sub-visible particles with the high resolution imagery needed for identification. Particle analyzers based on light obscuration, dynamic light scatter, Brownian motion or Coulter Principle are unable to image these particles and allow for their identification.

Ideal for analytical scientists, biochemists, formulation scientists, lab managers and other biopharmaceutical professionals, the new FlowCam Nano was developed to find, expose and identify nanoparticles in protein formulations and help track the progression of protein agglomerates from individual, proteinaceous particles into the larger aggregates that pose a threat to the safety, efficacy, stability and longevity of parenteral bioformulations. In addition, the FlowCam Nano may serve as an invaluable companion to USP<788>

compliance testing methods for particulate matter by documenting the presence and type of nano-scale particles, which may cause failed test results.

The FlowCam particle imaging and analysis family of instruments now encompasses six models engineered to analyze particles ranging from 300 nm to 5 mm in size. The FlowCam models automatically measure more than 40 different parameters in real-time from size, count and concentration to color, grayscale and morphological characteristics such as circularity, elongation and fiber curl.

For more information, contact Fluid Imaging Technologies, Inc.; 200 Enterprise Drive, Scarborough, Maine 04074; 207.289.3200.; Fax 207.289.3101; www.fluidimaging.com.

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