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Spheryx Spotlight

December 4th, 2025

Edition 3

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New xSight Software Release:

Version 2.12.0

Spheryx xSight's new software release Version 2.12.0 includes many new features and upgrades. Some highlights are: full support for higher viscosity samples, the xSight Monitor application - a new user interface for GMP applications, and support for new xCells.

Viscosity

The viscosity range for accurate concentrations has expanded to cover samples up to 40cP. The new software calibrates sample flow through the xCell's microfluidic channel to ensure accurate concentrations for samples up to 40 cP. Samples of

higher viscosity can still flow through the channel, and future software releases will include accurate concentrations to even higher viscosity.

xStream Monitor

A new user interface in Spheryx's xSight Compliance Software Suite allows users to see a snapshot of concentrations across all samples of a 96-well plate. In the image below, plots of each sample's total particle concentration as well as the concentrations of user selected contaminants are easily accessed in a single window. At a glance the user sees concentrations and whether samples have exceeded user enterable threshold values, alerting the user of issues evolving in real time.

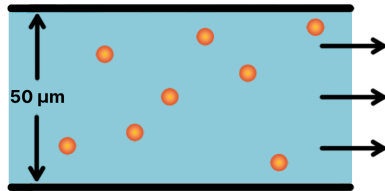


New xCell Support

This new software release includes support for all three of our new xCells: xCell50, xCell100 and xCell100+. Now you can choose the xCell model that best meets your needs for every project.

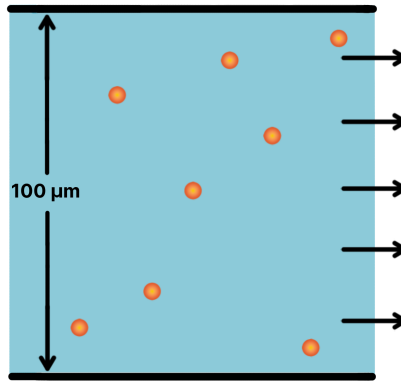


xCell 50 Concentration



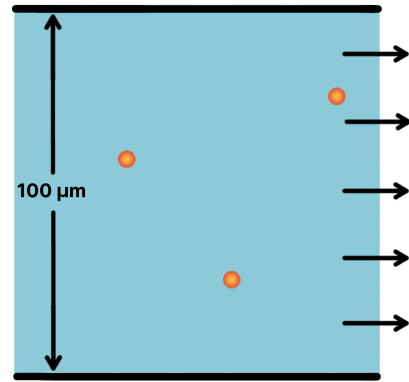
- Higher Concentrations
- Concentration Max: 10^7 particles/mL
- Volume: 0.5µL - 6µL
- 30µL Aliquot

xCell 100 Speed



- Increased Productivity
- Record Data and Analyze 40% Faster
- Concentration Max: 10^6 particles/mL
- Volume: 0.5µL - 6µL
- 30µL Aliquot

xCell 100+ Volume



- Lower Concentrations
- Increased Dynamic Range
- Concentration Min: 500 particles/mL
- Volume: 0.5µL - 15µL
- 60µL Aliquot

Spheryx at Conferences

Spheryx had two great conferences last month at PEGS Europe 2025 in Lisbon, Portugal and the Eastern Analytical Symposium in Plainsboro, New Jersey. We would like to thank everyone who stopped by our poster! We will have a booth at WCBP in January 2026, as well as IFPAC in March 2026.

Upcoming Appearances:



WCBP 2026,
January 27th - 29th
The Mayflower Hotel,
Washington D.C.



IFPAC 2026,
March 1st - 4th
Bethesda North Marriott,
North Bethesda, MD

Spheryx CEO Laura Philips will also be a speaker at an upcoming BioPharma Webinar, presented by Desmond G Hunt, Senior Principal Scientist at US Pharmacopeia. The webinar, titled “Addressing Subvisible Silicone Oil Droplets-Industry Challenges, Analytical Strategies, and USP’s Rationale for a New General Informational Chapter”, will discuss the industry context of subvisible silicone oil droplets (SiOPs) across evolving delivery systems, including prefilled syringes and autoinjectors, and various administration routes except intravitreal use. The webinar will take place on March 4th at 10AM EST, and will be followed by a Question and Answer session. If you would like to learn more about the webinar or would like to reserve your spot, click the image below.

FREE WEBINAR | 4th March 2026
10AM EST / 7AM PST / 3PM GMT / 4PM CET



Addressing Subvisible Silicone Oil Droplets-Industry Challenges, Analytical Strategies, and USP’s Rationale for a New General Informational Chapter

followed by a live Question and Answer Session



Desmond G Hunt
Senior Principal Scientist
US Pharmacopeia



Laura A. Philips, PhD, MBA
President and Chief Executive Officer
Spheryx, Inc.



Tyler Carter, PhD
Senior Application Scientist
Yokogawa Fluid Imaging Technologies Inc

sponsored by



Happy Holidays



**Best Wishes for 2026!
-The Spheryx Team**

We here at Spheryx would like to wish you all a wonderful holiday season and a happy new year as 2025 comes to a close. Here's to a happy, healthy, and prosperous 2026!

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About Spheryx, Inc.

Spheryx, Inc. is a privately held analytical services and instruments company providing Total Holographic Characterization® of colloidal materials. Spheryx's proprietary technology uses holographic video microscopy to characterize each particle in colloidal dispersions and multi-component colloidal mixtures, offering unprecedented insights into these materials' characteristics. Applications include R&D, quality assurance and manufacturing process control across a broad spectrum of industries, where characterization of colloids can enhance innovation, improve safety and reduce costs. For more information: <https://www.spheryx.solutions/>

Note: This news release contains forward-looking statements regarding future events. These statements are just predictions and are subject to risks and uncertainties that could cause the actual events or result to differ

materially.

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