BioSpectrum
the business of Bio & Health Sciences
ASIA EDITION

Thermo Fisher Scientific launches new Spectral Flow Cytometer

29 May 2025 | News

Researchers can obtain deeper insights from cells with more colours and faster time to results with minimal sample volume

Thermo Fisher Scientific Inc. has launched the spectral-enabled Invitrogen™ Attune™ Xenith™ Flow Cytometer, allowing immunology and immuno-oncology researchers to automate and streamline workflows to obtain more detailed and accurate insights from critical cellular samples.

By leveraging Thermo Fisher's legacy core acoustic focusing technology, this new solution offers improved time to results for scientists researching cellular behaviors and mechanisms and discovering targeted therapies. It enables both spectral unmixing and conventional flow cytometry, allowing researchers to tackle a broader range of applications with greater flexibility and sensitivity.

As the field of flow cytometry grows and research needs become more complex, scientists require access to even more data from cells which can help provide insights into how diseases, including cancer, manifest and progress in the body. Traditional cytometers frequently face issues with complex data analysis, non-intuitive interfaces and frequent clogs, which can slow down the research process and cause waste of often irreplaceable tissue samples.

The Attune Xenith Flow Cytometer is the latest advancement in Thermo Fisher Scientific's extensive portfolio of flow cytometry solutions, including the Attune CytPix and NxT instruments.