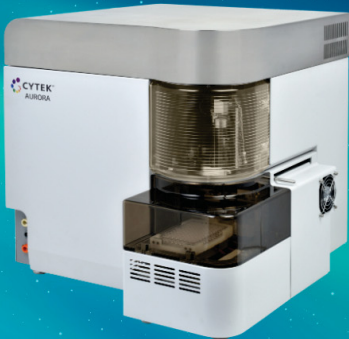


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PRODUCTS & SERVICES

Cytek[®] Aurora

A prodigy that's taking flow cytometry to the next level of performance and flexibility.

Our Product

OVERVIEW

PERFORMANCE DATA

High Level Overview

The Cytek Aurora leverages full spectrum technology to provide unprecedented flexibility to scientists, enabling the use of a wide array of new fluorochrome combinations without reconfiguring the system for each application. The Aurora system delivers high-resolution data at the single-cell level to resolve the most challenging cell populations, such as cells with high autofluorescence or low levels of expression of key biomarkers, regardless of assay complexity.

Learn More About Full Spectrum Cytometry

SpectroFlo[®] software offers an intuitive workflow from QC to data analysis with technology-enabling tools that simplify running applications.





So Many Colors

Up to 40 colors demonstrated including fluorochromes with emission spectra in close proximity to each other.



Exceptional Sensitivity

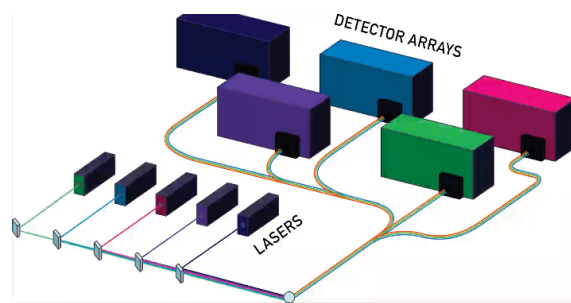
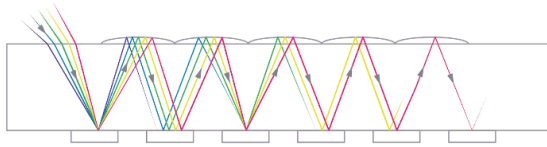
Sensitivity redefined using state of the art optics and low noise electronics.



A New Level of Flexibility

No changing optical filters for any fluorochrome. Use any commercially available fluorochrome excited by the onboard lasers.

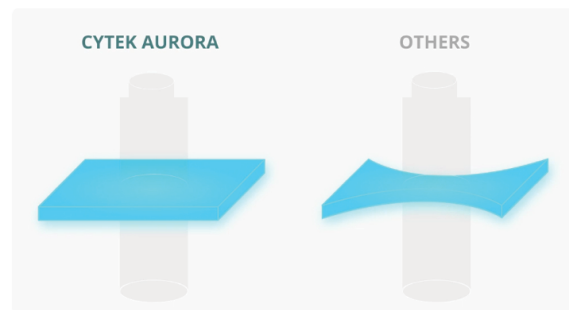
With up to five lasers, three scattering channels, and 64 fluorescence channels, the Aurora system is highly flexible, intuitive and ultra-sensitive. With its intuitive optical design, compact footprint and upgradeability from 3 to 5 laser configurations, the Aurora system suits every laboratory's needs from simple to high complexity applications.



Proprietary high sensitivity Spectrum Profile Detection Modules enable more efficient spectrum capture for dyes emitting in the 365-829 nm range. Full Spectrum Profiling™ (FSP®) technology captures the full emission signature of every fluorochrome, unlocking its complete expression across the entire light spectrum.

The state-of-the-art optics and low-noise electronics provide excellent sensitivity and resolution. Flat-top beam profiles, combined with a uniquely designed fluidics system, translate to outstanding performance at high sample flow rates.

[WATCH VIDEO](#)



Testimonials and Publications



Why Cytek® Aurora

Learn from Jeff Nelson, a manager of a cytometry shared resource laboratory, about the Cytek Aurora's unique features and how easy it is to get new users up and running on the system.



Solving Autofluorescence Challenges

Anna Belkina, associate director of flow cytometry core and assistant professor of pathology at Boston University School of Medicine, shares her experiences getting familiar with Cytek Aurora and helping users succeed with challenging applications.

[Learn how to deeply immunophenotype human blood samples in OMIP-069, a detailed guide to 40-color full spectrum flow cytometry.](#)

[Read more about spectral analysis and Cytek's unique spectral flow cytometry approach - full spectrum flow cytometry.](#)

[Request a free Full Spectrum Cytometry Overview poster for your lab or office walls.](#)

Service Plan Comparison

Maintaining your cytometry equipment does not have to be prohibitively expensive. Cytek's service through technical excellence offers lab managers cost effective service plans, without sacrificing quality assurance.

Service Contract Types

The following on-site and depot service contract types are available through Cytek:

Gold

Includes

Silver

Includes

Bronze

Includes

Unlimited Coverage Of Parts, Labor & Travel

1 Preventative Maintenance Visit/Year

Priority Response Time

Unlimited Phone & Email Support

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Limited Coverage Of Parts, Labor & Travel

1 Preventative Maintenance Visit/Year

1 Fully Covered Repair Visit

Unlimited Phone & Email Support

20% Parts Discount

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1 Preventative Maintenance Visit/Year

Unlimited Phone & Email Support

10% Parts Discount

All Other Services Billed At Prevailing Rate

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Related Products



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Jumpstart your immunology research with Cytek's cFluor® reagents and kits.

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Beads

Use SpectroFlo® QC Beads to check the performance of your full spectrum flow cytometer daily.

[Learn More](#)



Spare Parts

Find filters, software licenses, sample lines, and other parts for your Cytek Aurora system.

[Find Parts](#)



Plate Loader

Our plate loader is designed to streamline experimental workflows and seamlessly integrate into the Cytek Aurora.

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Cytek® Guava® Muse®

Cytek® Guava® easyCyte™

Cytek® NL-CLC

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cFluor® Reagents

Tonbo® Reagents

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Legacy System - Cytek® Amnis® FlowSight®

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