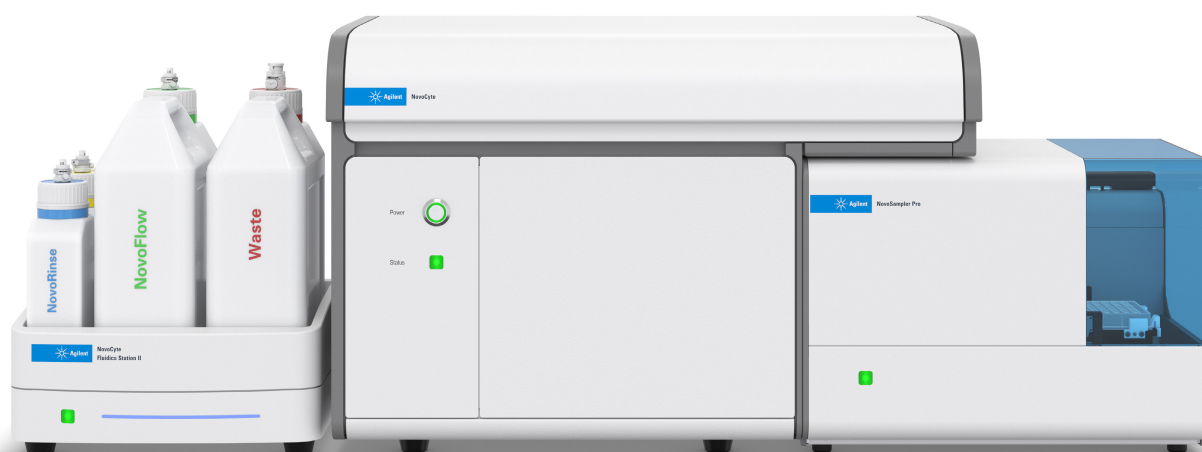


Agilent NovoCyte Flow Cytometer

A high performance flow cytometer for everyone



The Agilent NovoCyte flow cytometer is a high-performance benchtop flow cytometer designed for all level of users and all types of laboratories. This budget-friendly instrument is capable of detecting up to 15 colors with impressive sensitivity and resolution. The customizable laser and optical configuration of the NovoCyte offer a high degree of flexibility while providing complex cell analysis capabilities. The Agilent NovoExpress software enables intuitive and easy sample acquisition and allows for simultaneous acquisition and data analysis. The Agilent NovoSampler Pro is an optional high-throughput system that provides versatility when acquiring multiple sample formats, such as single tubes, multiple tubes, and 24-, 48-, 96-well plates in a single, simple setup.

Powerful

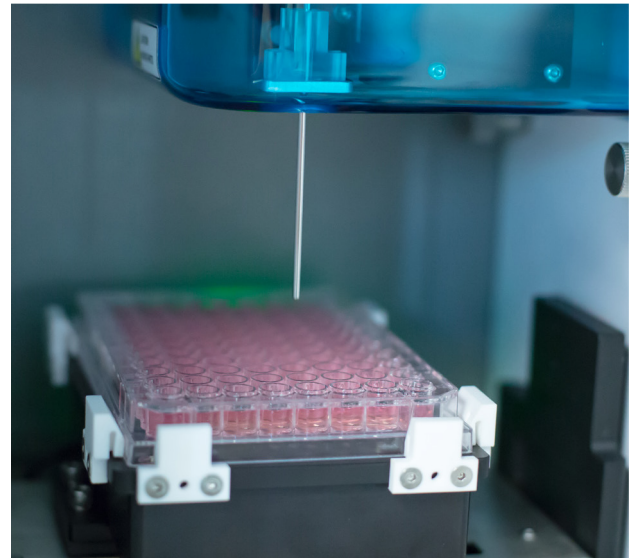
Detection of up to 15 colors with enhanced sensitivity and resolution.

Intuitive

Complete acquisition and analysis software provides a high level of automation and advanced data analysis capabilities.

Customizable

Exchangeable filters, 1 to 3 laser options, multiple sampling options, and flexible analysis formats.



Instrument features

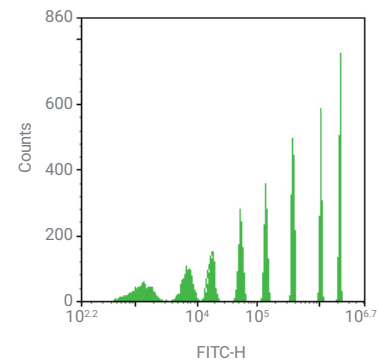
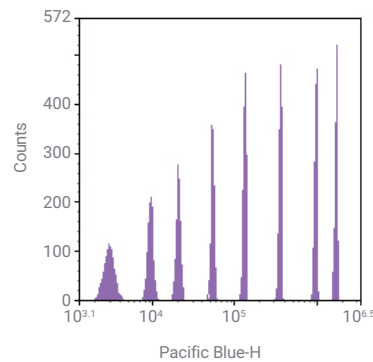
Load-and-go, without the hassle

- Uses optimized PMT voltage and 24-bit detection dynamic range.
- Provides 10^7 dynamic range for signal detection and processing, offering a broader signal range than other flow cytometers.
- A wide range of fluorescence and scattering signal intensities eliminates the need for complicated and laborious PMT voltage adjustment. Data acquisition is simply load-and-go.



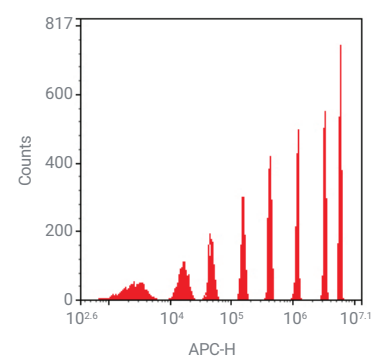
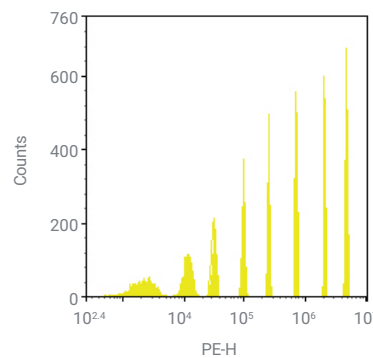
High fluorescence signal resolution improves detection accuracy

Advanced optical and fluidic system design, premier quality components, and innovative signal processing algorithms collectively ensure accurate extraction of detection parameters with consistently low variation.



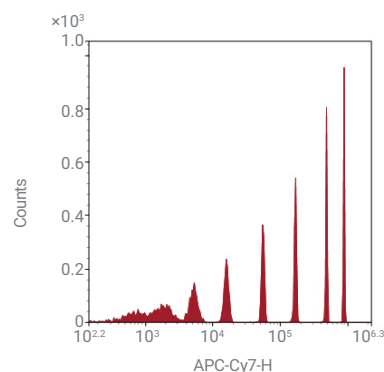
Novel optical design and enhanced signal detection

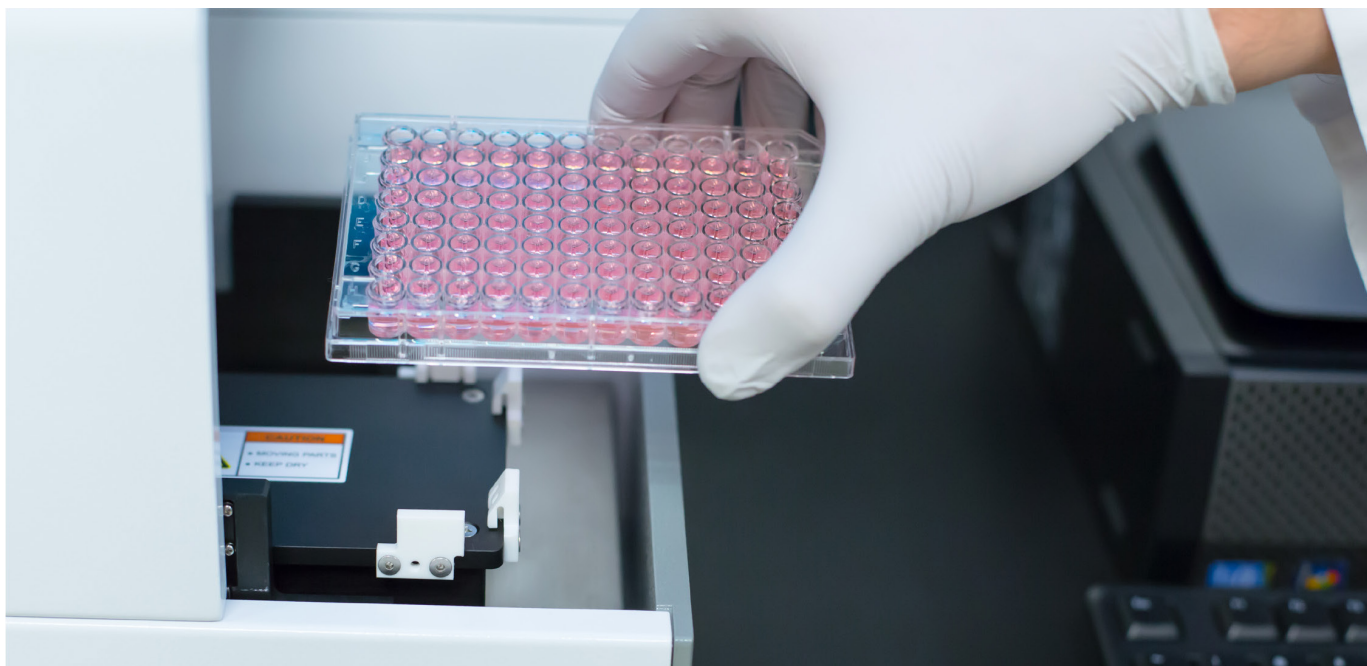
The patented independent beam-shaping optics and light collection system maximize signal detection efficiency, increasing sensitivity and resolution for each fluorescence channel.



Fixed optical alignment removes the need for daily setup and adjustment of the optical system, saving time and complicated training efforts.

Optimized forward scatter obscuration bar increases sensitivity to enhance small particle detection and resolution.



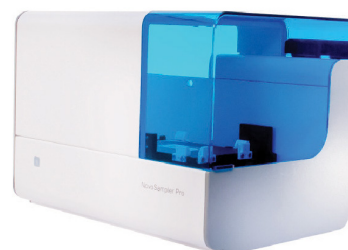


Automation capabilities

High-throughput capability with NovoSampler Pro

The Agilent NovoSampler Pro is an automatic sample loading system that offers high-throughput and automated sample acquisition. The NovoSampler Pro seamlessly integrates with the NovoCyte flow cytometer, making it easy to operate, and delivering high-speed analysis and processing performance.

- Walk-away automation and increased productivity
- Maintains homogeneity and integrity of biological samples
- Simple installation, easy operation, and high performance
- Programmable vortex-mixing mechanism
- Compatible with various sample formats:
 - 96-well plate (U, V, flat bottom)
 - 48-well plate
 - 24-well plate
 - 24-tube rack
 - Customized plates, tubes, and racks

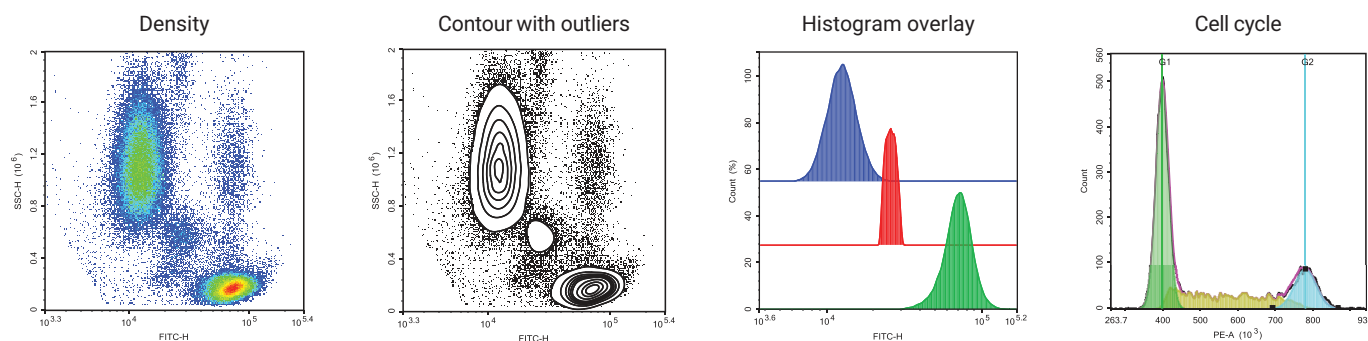


Software

The NovoExpress experience: simple and easy

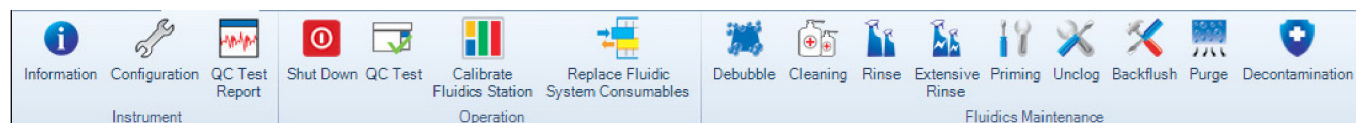
Automated and versatile data analysis functions

The powerful NovoExpress software allows efficient data acquisition, data analysis, and report generation. NovoExpress provides flexible analysis templates and plotting tools, offering enhanced efficiency.



Automatic fluidic monitoring and maintenance

The automatic fluidic monitoring station and easy-to-use maintenance icons add to the user friendliness of the NovoCyte system. There is no need to manually check whether the cleaning or sheath fluids are low or the waste container is full, as these levels are automatically monitored and the system will notify the user when action is required. Similarly, routine fluidic cleaning and maintenance procedures can be accessed within the NovoExpress software by simply clicking the icon.



QC test and QC reports

Embedded within the NovoExpress software is an automatic quality control evaluation. By running one drop of QC particles, every user can determine proper instrument performance and track this performance over time using the automatically generated QC reports. Each time the QC test is run, QC reports are automatically generated and saved for future reference. This ensures proper performance monitoring on a day to day basis, but also over long-term use.



Flexible repair and service options for your cell analysis lab

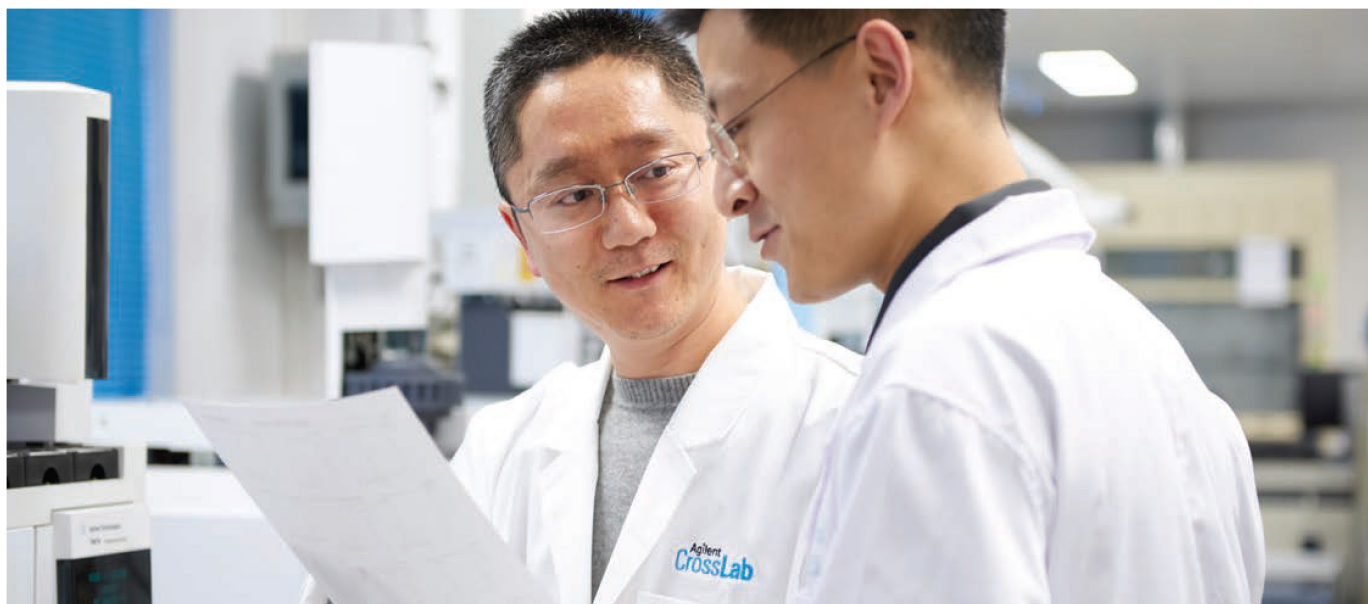
Agilent provides convenient, flexible repair and service options to quickly get your equipment operational again. Depending on your instrument, repair services are performed onsite by an Agilent-certified professional or at an Agilent CrossLab field service center.

Bring in the Agilent experts: Onsite repair services

Our Agilent-certified professionals promptly attend to your system at your location when an instrument breaks or your system needs a diagnosis.

Only CrossLab can provide Agilent quality and expertise, including:

- Phone consultation to confirm cost and delivery of parts
- Flexible options to adapt to your service needs
- All work performed using genuine Agilent parts



Which service coverage is right for my instrument?

Do you need to cover all instrument maintenance services and repairs, extend your warranty coverage, focus on preventive maintenance, or get help with a compliance qualification? Agilent offers options beyond the standard warranty when you buy your instrument.

Talk with your Agilent representative to determine which of the following coverage options are best for your lab.

Coverage with an extended warranty

All Agilent instruments come with a standard one-year warranty that includes parts and labor, should an issue arise. At the time of your instrument purchase, you can also add up to four years of warranty coverage to help ensure optimal instrument performance and plan for the future of your instrument investment.

Extended Warranty

The Agilent Extended Warranty lengthens your instrument's standard warranty coverage, including any warranty-level repairs using genuine Agilent parts. You will also receive a preferred response time on your repair requests, to get your service completed even faster.

Enhanced Extended Warranty

Combine your repair and preventive maintenance coverage after your warranty expires. The Agilent Enhanced Extended Warranty includes all the benefits of the Extended Warranty, plus an annual preventive maintenance visit, after the first year of ownership, to maximize your instrument performance and uptime.

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