

BD FACSDiscover™ A7 Cell Analyzer

with BD SpectralFX™ and Advanced Standardization Technology



Advanced
Spectral Performance



Advanced
Standardization



Automation with
Integrated Autoloader



Ease-of-Use



COMING SOON!

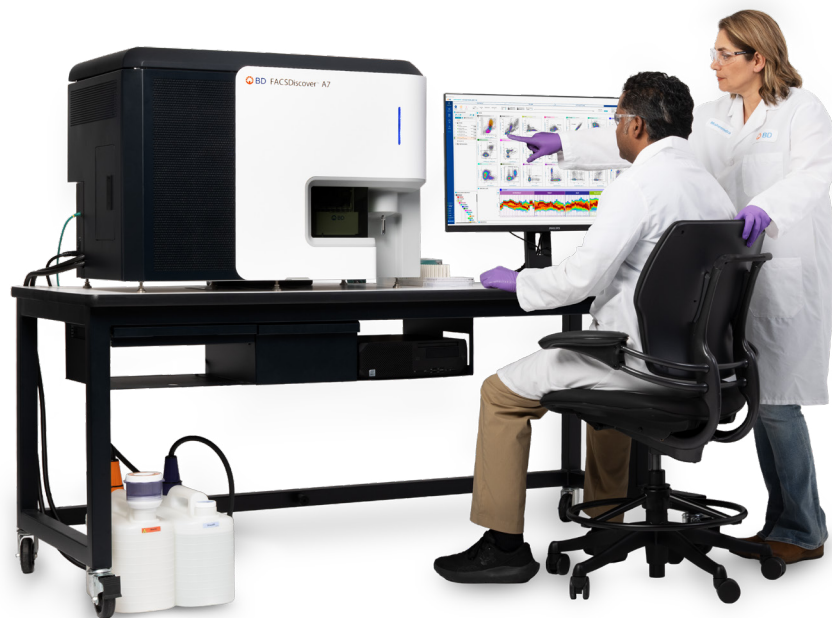
Embrace the future of flow cytometry with the BD FACSDiscover™ A7 Cell Analyzer. Compact yet powerful, the BD FACSDiscover™ A7 Cell Analyzer is designed to elevate your evolving research by unlocking spectral flow cytometry and advanced standardization in one seamless workflow. With BD SpectralFX™ Technology, Detector Setting Independent scaling, and automation features, your research just got better, simpler and more consistent.

BD SpectralFX™ Technology: where high performance meets colour versatility

BD SpectralFX™ Technology redefines spectral flow cytometry by integrating full-spectrum optics, optimized hardware and system-aware unmixing algorithms to enhance spectral resolution and sensitivity.

Step into the future of advanced standardization

Detector Setting Independent (DSI) scaling, a unique feature of the BD FACSDiscover™ Platform, redefines flow cytometry standardization by delivering consistent data scaling within and across instruments without requiring users to fix detector settings.



Features



Advanced spectral performance: BD SpectralFX™ Technology streamlines the spectral workflow with guided software, automated detector setup, and a next-generation setup and QC system that deliver consistent, high-quality results with minimal startup time. Its optimized full-spectrum optical design and **system-aware unmixing algorithm maximize the colour palette while preserving strong spectral resolution and sensitivity.** Supporting up to five lasers and 78 fluorescence detectors, the modular optical design optimizes detector count with minimal optical loss and enables high-resolution spectral flow cytometry at event rates up to 35,000 events per second. LED-based noise calibration detector and real-time noise estimates help manage spread of unmixed populations across the spectrum.



Advanced Standardization: The BD FACSDiscover™ Platform's deliver next-generation setup and QC with a unique, comprehensive, and automated system calibration. This novel standardization improves repeatability and reproducibility across experiments, both inter- and intra-instrument. When combined with DSI scaling, the BD FACSDiscover™ A7 Cell Analyzer strengthens data consistency **without having to rely on detector setting adjustments** and aims to improve your flow cytometry workflows. DSI enablement through BD FACSCorus™ Software further elevates the BD FACSDiscover™ Platform, setting higher standards for the future of standardization.



Automated workflow: Enhance your workflow with a fully integrated autoloader that automates sample acquisition for **greater efficiency and reproducibility.** Designed for continuous, hands-free operation, it minimizes manual intervention and saves valuable time — whether you're processing just a few samples or a full plate. With the industry's lowest sample carryover and dead volume, rapid throughput, automated shutdown, intelligent error detection and advanced temperature control with agitation, the autoloader on the BD FACSDiscover™ A7 Cell Analyzer maximizes sample use and preserves sample integrity, helping researchers achieve consistent, high-quality results with minimal effort.



Ease-of-Use: Simplify complex workflows and reduce setup time. The BD FACSDiscover™ A7 Cell Analyzer with BD FACSCorus™ Software offers an intuitive, user-friendly interface, and is supported with features that enables **USFDA21 CFR Part 11 compliance.** The step-by-step guided workflow in the software shortens learning curves and helps you get your results quickly.

LEARN MORE

Elevate your spectral data with built-in standardization at:
bdbiosciences.com/A7.



BD flow cytometers are Class 1 Laser Products. For Research Use Only. Not for use in diagnostic or therapeutic procedures.

Becton Dickinson Pty Ltd, Australia, Toll free: 1800 656 100 | bdbiosciences.com/en-au
Becton Dickinson Limited, New Zealand, Toll free: 0800 572 468 | bdbiosciences.com/en-nz

BD, the BD Logo, BD CellView, BD FACSDiscover and BD SpectralFX are trademarks of Becton, Dickinson and Company or its affiliates.
© 2026 BD. All rights reserved. BD-173629

