

Empower Your Lab: BDot Probe Line & CellWriter™ S – Precision Meets Performance

From Sample to Signal

Faster, Smarter Cytogenetics with the Collaboration of Empire Genomics' BDot Line and BioDot CellWriter™ S

Streamlined FISH Testing for Hematologic Malignancies

The BDot Line of FISH Probes, developed by Empire Genomics (a BioCare Medical Company), is pre-optimized for seamless integration with the BioDot CellWriter™ S platform. This powerful pairing simplifies workflow, increases reliability, and conserves precious samples—all while delivering exceptional hybridization clarity.



"We're excited to partner with BioDot to deliver a turnkey hematology FISH solution, combining the precision of Empire Genomics' probes with BioDot's next-gen automation."

– John Steel, SVP, Empire Genomics

Key Benefits of the BDot Line:



Automation-Ready

Preformulated for CellWriter™ S—no dilution or prep required. Just load and go.



Conserve Precious Samples

Low-volume, high-precision dispensing preserves limited or valuable specimens.



Validated Across 11 Panels

Covers MM, AML, CLL, ALL, CML, MDS, and more—with robust performance.



Exceptional Signal Clarity

Delivers the quality Empire Genomics is known for, optimized for BioDot's dispensing.



Fast Lab Adoption

Minimizes transition hurdles with plug-and-play functionality.



Scalable Testing

Ideal for high-throughput clinical and research environments.

Now Available

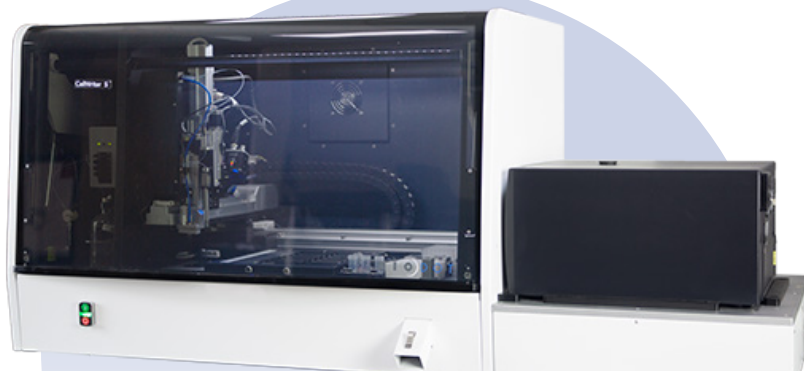
- 11 disease-focused FISH panels
- Proprietary performance control probe
- Fully compatible with CellWriter™ S workflows

Custom probe options delivered in 2 weeks — packaged in ready to use PIMS tubes.

BioDot CellWriter™ S: The New Standard for Automated Cytogenetic Dispensing

Engineered for Cytogenetic Precision

The CellWriter™ S is BioDot's cutting-edge dispensing platform designed for high-throughput FISH, karyotyping, and FFPE slide preparation. With nanoscale precision and automation, it minimizes waste, boosts consistency, and delivers unmatched signal reliability.



"The CellWriter™ S paired with BDot Probes marks a leap forward in standardized, automated FISH diagnostics."

– Debbie Bowers, GM, BioDot

Why Labs Trust CellWriter™ S

Picoliter-Scale Dispensing

Delivers exact reagent volumes—perfect for reproducibility and sample conservation.

BioJet™ + Discrete Droplet Dispensing

Powered by BioDot's proprietary technologies for optimal hybridization and fluid control.

High-Throughput Scalability

Supports fast turnaround and reliable results across high-volume runs.

Reduced Time-to-Results

Eliminates manual prep, increases efficiency, and cuts down workflow bottlenecks.

Globally Adopted

Trusted by cytogenetic and pathology labs across the world for validated performance.

Contact BioDot to book a live demo

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