



BIOMARK X9 SYSTEM

FOR HIGH-THROUGHPUT GENOMICS

Deep insights with nanoscale genomics

The Biomark X9 System is the **only genomics system** for **real-time PCR** and **next-generation sequencing library preparation** to support discovery through screening.

It is a cutting-edge microfluidics-based, benchtop platform that enables thousands of nanoliter-scale reactions in a single run, delivering cost-effective and scalable sample profiling with minimal hands-on effort. Its integrated capabilities streamline workflows, offering unmatched ease of use across a wide range of applications. With innovative consumables designed for flexibility and scalability, the Biomark X9 High-throughput Genomics System revolutionises high-volume genomic data generation, transforming laboratory operations for the future.

HIGHLIGHTS

- **Less time**
 - 2 hours for up to 9,216 datapoints
 - 8 hours for up to 384 barcoded, NGS-ready libraries
- **Less reagent**
 - Nanoliter reactions
- **Less cost**
 - Reaction miniaturisation
- **Flexibility**
 - IFCs support different configurations of samples and assays

SIMULTANEOUS DATA ACQUISITION

Capture data from each Integrated Fluidic Circuit (IFC) reaction chamber simultaneously, with options for real-time or endpoint detection.

VERSATILE CHEMISTRY SUPPORT

Compatible with TaqMan® and SNP Type™ leading assays for genotyping, gene expression and Standard Biotools custom assay designs.

CUSTOMISABLE AND PRECISE

Precision-engineered IFCs enable flexible configurations and easy assay modifications to meet diverse application needs.

CUSTOM PANEL DESIGN

Simplify custom panel development with the D3™ assay design website. Leverage design algorithms for optimal NGS library preparations, genotyping, and gene expression assays, ensuring superior primer performance. Create panels of any size in just 2 days or less using the intuitive interface or easily connect with design experts for support with complex targets and specific project needs.

MICROFLUIDICS

MEGA DATA

MEGA SAVINGS

RESEARCH ONLY – NOT FOR DIAGNOSTIC PURPOSES

Contact your **Lasec® Sales Representative** for more information

+27 21 531 7504 sales@lasec.com www.lasec.com



E&OE