

EQUIPMENT FOR Lateral Flow Test Production



B I O D O T

AN **ATS** COMPANY

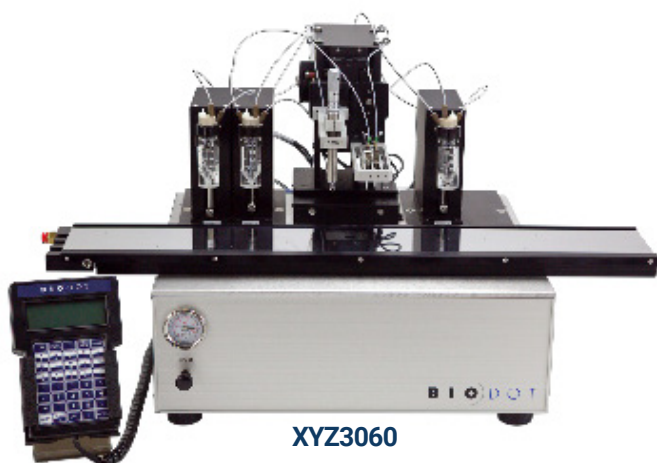
BDM-DS-LATFLOW-024-02

Batch Dispensing Systems

Platforms

ZXLITE. ZX1010. XYZ3060. XYZ3210

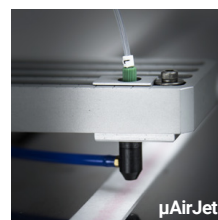
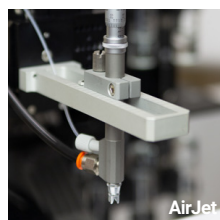
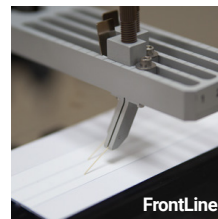
Dispense test, control and conjugate lines with precision and accuracy. Easy to use programming of line volume, lengths and position. Choose your dispensing technology, platform and the quantity of dispensers.



Dispensers

BioJet. FrontLine. AirJet. μ AirJet.

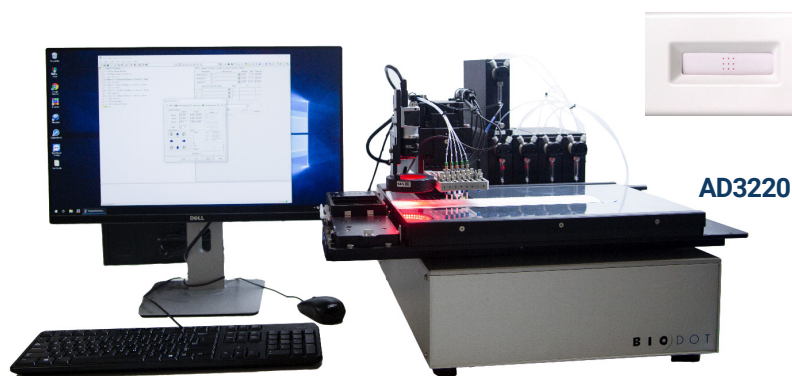
Choose from BioJet, for non-contact test and control lines, FrontLine for contact test and control lines, and AirJet/ μ AirJet for aerosol dispensing of conjugate & blocking.



Multiplexed Arraying for Lateral Flow

Batch or Continuous Web

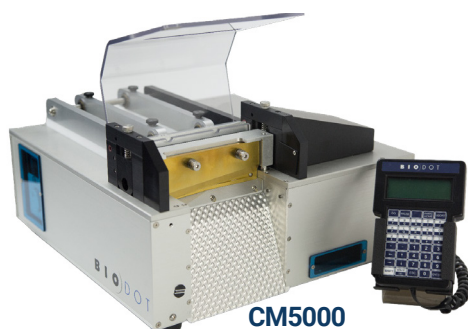
Picoliter and low nanoliter drop volume printing is available on BioDot's AD product line as well as our custom inline web system. These systems feature PC programming, aspirate/dispense capability and vision sensing.



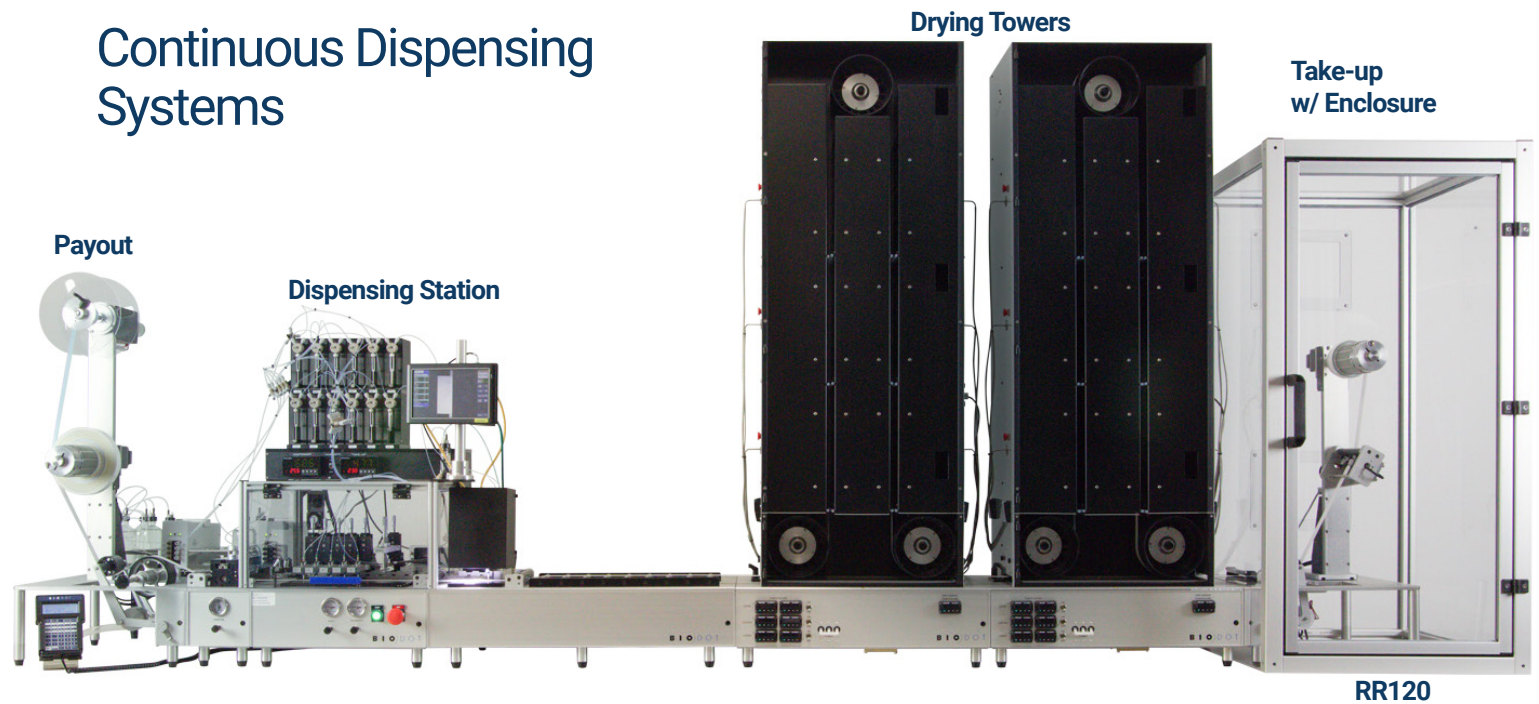
Cutting Systems

Batch or Continuous Roll Fed

Cut individual test strips from laminated cards or rolls with our guillotine cutters. Simply program the number of pieces and strip width. Leading edge sensor, target sensor, reel feed and bottle collection options are available.



Continuous Dispensing Systems



Dispensing, Coating and Drying for Roll Materials

Processing materials in a reel format not only increases production throughput, it can also improve quality control and reproducibility. BioDot's web systems are designed to handle multiple processes on a single machine. Dispensing, dip coating, inspection and drying options are separate modules allowing the system to be configured for your specific requirements. Systems can also be customized with drop arraying, moisture sensors, and more!

Lamination Systems

Batch Lamination

Assemble pre-cut membrane, conjugate pad, absorbent pads and plastic backing with a precision overlap. This quick and easy to use system laminates all components in just one step.



LM5000



Continuous Lamination

Lamination of multiple roll materials onto roll-based backing. The system's modular design allows for customization with optional inspection, dispensing, barcode application, cover-tape lamination and environmental enclosures.



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To learn more about the lateral flow application, scan this QR code with your smart device:



About BioDot

For over 25 years, BioDot has manufactured non-contact and quantitative fluid dispensing systems for the industrial, life science, diagnostic, and medical product markets.

Our commitment to leading edge technology, customer satisfaction and safety makes us a leader in the reagent dispensing industry.