



Automated ELISA Processing System

Maximizing Lab Efficiency



Controlling Lab Capacity for Reliable Results

The DYNEX DSX Automated ELISA System is a proven, fully-automated open system with a unique dispense synchronization that helps eliminate plate drift and achieve consistent results across four independent plate incubators. This helps to manage testing workload with reduced labor and walkaway capability to maximize lab personnel efficiency.

Built for Dependability

The trusted standard... DSX is an open, modular ELISA processing system designed specifically for busy laboratories that require advanced automation. It can handle virtually any automatable ELISA immunoassay delivering all you need to ensure the rigorous, repeatable analyses required in critical applications.

DSX's unique washer synchronization feature ensures consistent results across the plate, eliminating plate drift issues and lowering overall CVs. Several user-definable options provide significant programming flexibility:

- Plate-specific height settings
- Super Sweep mode that aspirates liquid in both the X- and Y-axis of plate wells, leaving minimal residual volume
- Well-bottom washing lowers the dispensers to more thoroughly "clean" the base of each well
- Critical washer timing that mimics manual wash steps

REVELATION DSX® data analysis software offers a graphical user interface with intuitive Windows®-based operation. The following advanced features facilitate assay performance:

- The Data Reduction Wizard simplifies the programming of even the most complex assay configurations and calculations
- Online Help is available to assist with assay set-up and programming



Shown to be Worthy

With over 3,500 DSX systems installed worldwide, DSX has been proven to deliver all you need to ensure the rigorous, repeatable analyses required in critical applications. What's more, DSX has achieved 98.2% uptime when mean time between failure target is set at 250 days.

Learned Error Recovery

To support walkaway automation, the DSX can be trained to perform appropriate error recovery actions if an error condition is detected.

Cover Lock

The dark cover locks automatically when the DSX begins to run, protecting reagents from room light and protecting both samples and reagents from interference.

Sample Identification

An on-board barcode reader tracks samples and plates in process.

Alarms

"Wash Buffer Low" and "Waste Full" alarms.

Pipette Security

Fluid level sensing, tip detection, tip-ejection and clot detection functions protect assays as well as the DSX robotic pipette.

Accomplishes the Task

This open, modular ELISA system is designed specifically for busy laboratories that require advanced automation. Four independent plate incubators help manage testing workload by relieving labor effort and allowing walkaway capability to maximize lab efficiency.

The Worklist Load Wizard guides you through the process of setting up the DSX Worklist. Easily... the Wizard graphically shows where to place reagents, samples and plates at the beginning of each run.





About DYNEX Technologies

DYNEX is a worldwide manufacturer of microplate instrumentation, seamlessly integrating advanced detection with fully-automated sample handling, consumables and accessories. The DYNEX systems have a proven track record of high-quality products, excellent service and support.



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