



Meet The Hailstorm® Analyzer

The Hailstorm® is an innovative 2-plate, fully automated, open platform that is compact and cost efficient. The user friendly and flexible software is capable of programming a broad range of protocols. The Hailstorm® performs both ELISA and Chemiluminescent (CLIA) procedures, as well as ELISA MicroArrays from GSD. Streamline your workflow with easy loading, and fully automated processing, reading and reporting of results.



Powerful Automation

Improve efficiency, minimize costs.

Walk-away processing of virtually any EIA or Chemiluminescence assay and GSD Microarrays. The Hailstorm® offers automation features previously reserved for instruments many times the price and size.

Compact & Capable

Reclaim bench space, maintain capability.

Even as the smallest and lightest instrument in its class, the Hailstorm® packs a punch. Recover bench-top real estate occupied by bulky, outdated equipment by upgrading to Hailstorm® automation.

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Ultimate Flexibility

Premium content, expert installation.

Leverage a vast network of premium assays sourced from the best manufacturers around the globe. Program the Hailstorm® to run virtually any EIA or CLIA assay with up to eight different protocols in a single batch.

Intuitive, Adaptable Software

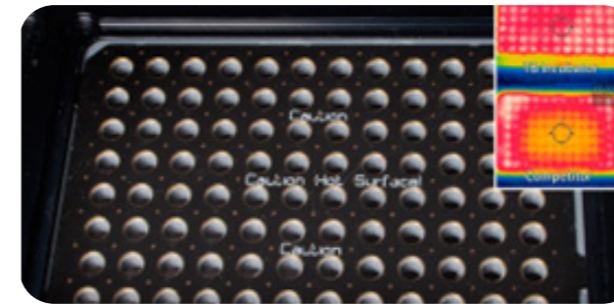
Easy operation, in-depth analysis.

Just like the hardware, the Hailstorm® software provides all the features your lab requires, and more. Intuitive operation allows for easy training and ongoing use. The Test Designer allows for exceptional assay protocol adherence, and the Report Generator offers numerous reporting and analysis options that can be tailored to your lab's needs.

Experience the difference Hailstorm® automation will bring to your laboratory.

Unique features include:

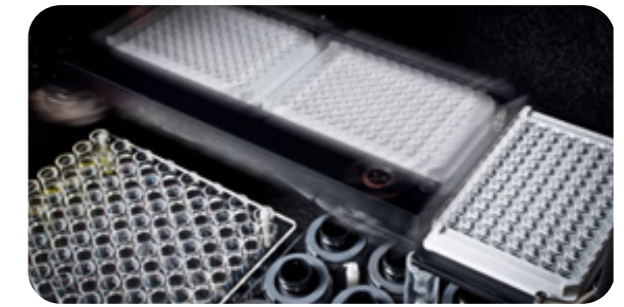
-  Convection Incubator
-  High Precision Micro-Syringe
-  Orbital Shaker
-  Sliding Sample Tray
-  Built-in Reader
-  Barcode Reader
-  Slide In Racks
- ...And many more!
-  On-Board Camera



Convection Incubator

Eliminate "Edge Effect" by evenly heating each well.

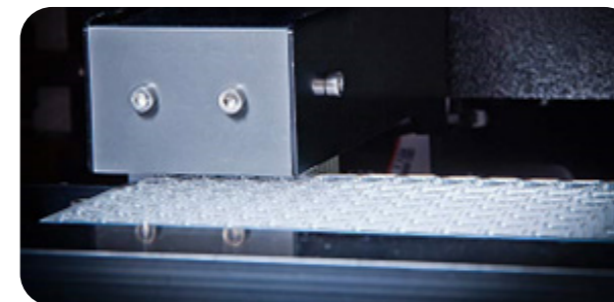
The forced convection incubator quickly and uniformly heats each individual reaction well, allowing the Hailstorm® to deliver consistent results. Have confidence in your results by eliminating the uneven heating, or "edge effect", commonly seen with traditional chamber incubators



Orbital Shaker

No-spill design, up to 900 RPM.

Keep fluids in the well while vigorously shaking with the fully-integrated and automated orbital shaker. Attain repeatable and accurate results through better mixing of reagents with less chance of spillage.



Built-In Reader (EIA + CLIA)

Ultra-compact and fully-automated reader options

Configure your Hailstorm® includes a combination EIA+CLIA spectrophotometer / chemiluminescence reader to handle both ELISA and chemiluminescence assays. The ELISA reader uses LED's and provides multiple benefits including: 100x longer bulb life, less ambient heat, more specific wavelengths and ultra-compact size. The EIA+CLIA reader boasts increased capability while maintaining the full automation, small size and excellent durability of the ELISA spectrophotometer.



Slide In Racks

Reduce errors and streamline setup.

Slide In Racks utilize a bar code reader that allow the user to simply place each individual sample in the rack, slide in the instrument, and automatically scan for positive sample identification. The Hailstorm® further streamlines setup with a sliding sample and reagent tray that provides easy access to the Slide In Racks for patient samples, and the 16 reagent positions.



Probe-Mounted Camera

Real-time process monitoring and remote diagnostics.

The probe-mounted camera allows Hailstorm® operators to monitor internal operations in real-time. The camera and system logs also allow GSD technicians to remotely resolve most problems for maximum instrument uptime.



High Precision Micro-Syringe

Aspirate 1µl with less than 3% CV.

The Hailstorm® features a highly precise micro-syringe that maintains the same level of precision as other instruments in its class, but at much lower volumes. The Hailstorm® accurately and precisely aspirates 1µl volumes at less than 3% CV, allowing sample dilutions to be performed directly in the reaction wells, eliminating the need for extra pre-dilution steps.

Pick the services that best fit to your needs!



Installation



Training



Maintenance



Assistance