

THE BOLT™

EIA & Chemiluminescence Analyzer

Fully-automated processing, modular design – A one-plate ELISA+CLIA processor, the Bolt™ shares many features of the ThunderBolt®, but with a more customizable, lower throughput, cost-effective design. The Bolt™ is a compact machine that provides all of the tools for processing ELISA or CLIA assays in a cost-effective package.

Features and Benefits

- Program any EIA or CLIA protocol
- Intuitive User Interface
- Space Saving Design - Fits standard 60 cm lab bench
- 96 Sample Capacity
- High Precision Syringes
- Exterior Status Indicator Light
- LIS Connectivity
- Competitive Pricing - Low Consumable Costs

Validated protocols for:


SENSISpec Allergen ELISA Kits

- | | |
|---|---|
|  Almond |  Mustard |
|  Casein |  Milk |
|  β-Lactoglobulin |  Peanut |
|  Egg White |  Soy |

BACSpec Pathogen ELISA Kits

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|---|---|
|  <i>Listeria</i> |  <i>Salmonella</i> 2 |
|---|---|


Environment & Water ELISA Kits

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|--|--|
|  2 Pesticides |  7 Algal Toxins |
|--|--|

Celer Mycotoxin ELISA Kits

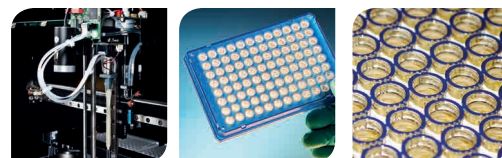
- | |
|--|
|  6 Mycotoxins |
|--|

Veterinary Drug Residues ELISA Kits

- | |
|---|
|  5 Antibiotics |
|---|

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UNIQUE FEATURES	System Architecture High Precision Micro-Syringe On-board Reader(s)	Open, fully customizable Aspirate 1µL with ≤ 3% CV. Spectrophotometer, or Spectrophotometer+Fluorescence Combo Reader.
	Forced Convection Incubator Linear Shaker Small Footprint	Evenly heats to eliminate “Edge Effect” Precise adherence to assay protocols / No-spill design Fits on a 60cm deep standard laboratory bench.
TECHNICAL SPECS	Sample Capacity Reagent Positions	Up to 96 determinations 9 custom reagent positions (22-35mm diameter bottles accepted)
	Test Tubes	Accepts standard 12, 13, and 16 mm diameter tubes, up to 100 mm tall (custom racks available)
	MTP Positions	1 position
	Pre-dilution MTP Positions	1 position
	Well-Tracking	Independent well tracking and timing
	Wash bottles	2 external wash bottle positions
	Probe/Needle	Single probe, dual needle
	Dispense Volume	Up to 300 µl
	Aspiration Volume	1 µl
	Incubation Temperature	Room temperature to 40 °C
Spectrophotometer	405, 450 ,490, 550 and 630 nm wavelengths standard (custom available), 0 to 3.0 OD Detection type: glow, Spectral range: 300-500 nm, Dark count: 50 counts per second (standard), Measuring time: 200 ms (adjustable 1 to 1000 ms), Dynamic range: 6 decades (*optional configuration)	
Chemiluminescence Photomultiplier Tube (PMT)*		
Shaker Speed	Up to 900 RPM	
Power Supply	100-265V	
Dimensions	W: 48.3 cm, D: 53.3 cm, H: 55.8 cm (W: 19.0 in, D: 21.0 in, H: 22.0 in)	
Weight	27 kg (59.5 lbs)	
CE Marked	Yes	
SOFTWARE SPECS	Language Calculations	Multi-language support Point to point, linear regression, cubic spline, 4PL, 5 PL, Lin-Lin, Lin-Log, Log-Log representation
	Architecture Protocol Design LIS Integration User Interface	Fully customizable Fully open and configurable test designer; custom reports Bi-directional, RS232, USB, TCP/IP MS Windows Graphical User Interface (Windows 7 or above)

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