

THE BOLT®






EIA & Chemiluminescence Analyzer

1-plate, fully automated, open platform, that can run ELISA and Chemiluminescence (CLIA) assays. This walk-away instrument offers a modular design so that it can be configured according to your laboratory's needs in a cost-effective manner.

Main Features:

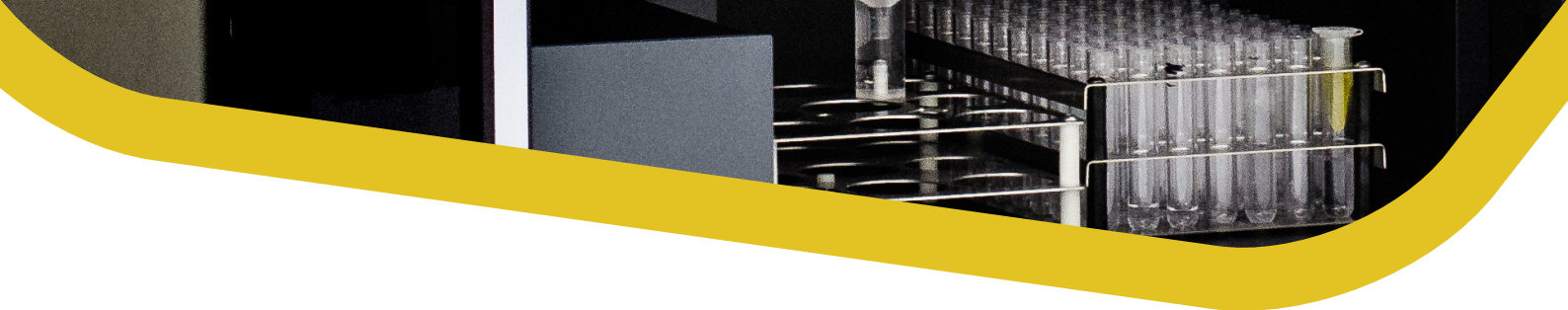
- Program any EIA or CLIA protocol
- Shaker, incubator, and reader are configurable options
- High sample loading capacity: 96 primary sample tubes
- Capable of running many different protocols in a single batch
- LIS Connectivity
- Minimal consumables
- Compact size

Validated protocols for:

-  **SENSISpec Allergen ELISA Kits**
 - 19 Allergens
-  **BACSpec Pathogen ELISA Kits**
 - *Listeria* ■ *Salmonella* 2
-  **Environment & Water ELISA Kits**
 - 2 Pesticides ■ 7 Algal Toxins
-  **Mycotoxin ELISA Kits**
 - 16 Mycotoxins
-  **Veterinary Drug Residues ELISA Kits**
 - 5 Antibiotics

To access the actual list of validated applications, visit our webpage:





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Capacity

| | |
|----------------------------|--|
| Sample | 1 rack of 96 samples |
| Reagent Capacity | 1 rack of 9 reagents |
| MTP Positions | 1 position |
| Pre-dilution MTP Positions | 1 position |
| Wash Buffer | 2 x 1 L external wash bottle positions |
| Liquid Waste | 1 x 2 L external waste bottle position |

Worklist Set-up

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|------------------------|--|
| Sample Loading | Barcode capable, auto-increment, manual entry import from Excel Accepts most USB hand-held scanners |
| Test Tube Size(s) | Accepts 12 to 16 mm diameter, up to 100 mm tall tubes |
| Reagent Loading | 9 reagent positions with adapters for most commonly used bottles |
| Reagent bottle size(s) | 22-42 mm diameter bottles accepted |

Liquid Handling

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|-------------------------|--|
| Probe Assembly | Single probe, dual needle |
| Probe tip | Fixed needle, Washable stainless steel |
| Liquid level detection | Conductivity |
| Aspiration Volume Range | 1 uL - 400 uL with $\leq 3\%$ CV |
| Dispense Volume Range | 25 uL - 300 uL |

Hardware - Modular design for customized configuration

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|-----------------------------|--|
| Incubator technology | Forced convection to eliminate "edge effect" |
| MTP Positions & Temperature | 1 position. Room temperature to 40 °C |
| Spectrophotometer | 5 filters: 405, 450, 490, 550 and 630 nm wavelengths, Linear Range 0 to 3.0 OD |
| Photomultiplier Tube (PMT) | Detection type: glow chemiluminescence, Spectral range: 300-500 nm, Dark count: 50 counts per second |
| Orbital MTP Shaker | Amplitude: 1 mm, Speed: Up to 900 RPM, 2 MTP (1 reaction, 1 predilution) |

Software

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|--------------------|---|
| Language | Multi-language support |
| User Interface | MS Windows 10 Graphical User Interface |
| Instrument Manager | Independent well tracking and timing. Results review. In-process controls & maintenance prompts |
| Data Server | Database of results, maintenance logs, lot/expiry information, etc., connects multiple instruments and consolidates data, LIS integration: Bi-directional, RS232, USB, TCP/IP |

General Information

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|----------------------|---|
| Ordering No. | 00500 (ELISA); 00500-CL (ELISA+CLIA) |
| Power Specifications | Voltage: 100-265V. Frequency: 50-60Hz. Consumption: 12W w/o incubator, 120W max |
| Dimensions, Weight | W: 48.3 cm, D: 53.3 cm, H: 55.8 cm (W: 19 in, D: 21 in, H: 22 in), Weight: 27 kg (60 lbs) |
| CE Marked | Yes |