

# LuMatic™

## > Today's Most Affordable Analyzer

Making another leap towards bringing CLIA to labs everywhere, Monobind presents LuMatic™, the world's lowest-priced plate chemiluminescence analyzer – a machine optimized for Monobind's AccuLite® reagent line and an excellent plug-in for Monobind's Autoplex™ Automated ELISA and CLIA Analyzer.

## > A Winning Combination

Now you can have all the benefits of CLIA technology: sensitivity, speed and dynamic range, in an affordable package. With LuMatic and AccuLite, Monobind gives you the only open-system CLIA platform with a 45+ test menu.

## > Tiny Footprint, PC Powered Analytics

LuMatic uses the power and efficiency of your PC to deliver sophisticated data analysis, curve fitting, reporting and data storage. It is based on the same software Monobind's Autoplex Analyzer, and may be used together with a single interface.

Simply connect via USB and load LuMatic's software containing the device manager and AccuLite test data. Then select desired assay(s) and start running AccuLite CLIA right away.

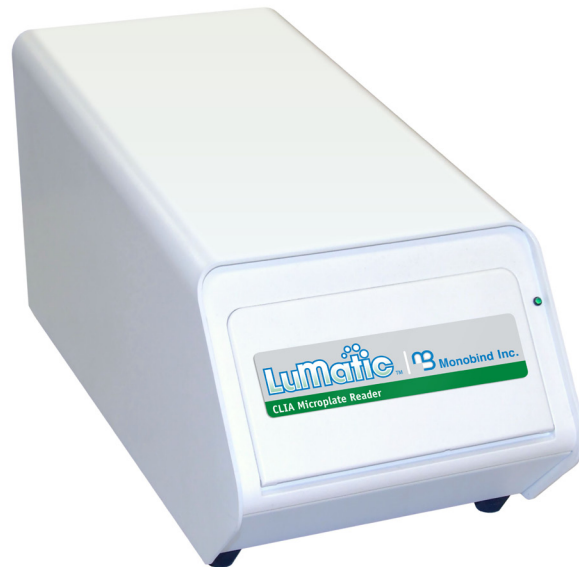
## > Test with Ease and Confidence

LuMatic is a user-friendly instrument certified by Monobind to ensure the optimal performance of AccuLite reagents giving you the very best in CLIA testing. Built-in references further maintain peak function with continuous instrument calibration.

All the flexibility a clinical lab needs: Users may add new CLIA protocols specifying a variety of calculation modes, including point-to-point, linear and log regressions, and log logit modes and protocol types such as immunometric, competitive, cutoff and raw data.

## > 2-Point Calibration, Big Value

The robustness of AccuLite allows for two-point calibration enabling labs to run more patient samples per plate, reducing reagent use and overall test cost. LuMatic and AccuLite offer a convenient and affordable package designed to bring high quality immunoassays to markets worldwide.



## > Key Features

- Drag-and-drop test selection to easily format plate
- Multiple analytes per plate (up to 12)
- Two point calibration using stored curve
- Storage of unlimited protocols (only limit is PC memory)
- Full support of kit lot numbers
- Storage of assay results, allowing off-line reevaluation
- Curve plotting and editing
- Open Instrument for use with other CLIA-assays

## > Specifications

Detection	Glow chemiluminescence by Photomultiplier Tube (PMT)
Sensitivity/ Limit	HRP 1 x 10 <sup>-18</sup> moles, ALP 1x10 <sup>-21</sup> moles
Linear Dynamic Range	106 RLU
PC operating system	Win 2000, Win NT, Win XP, Win Vista
Power supply	110-250V AC
Weight, Dimensions	5 kg, 19 x 20.3 x 42 cm
Regulations	NRTL listed, CE

**Contact us today to learn more**

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