



## Titration Instrument Automation for ELISA & CLIA

Monobind offers a powerful & compact walk-away platform  
manufactured by Gold Standard Diagnostics

- Internal LED spectrophotometer for ELISA and (optional) combination-luminescence reader for CLIA
- Dual (2) microplate design offers streamlined processing, reading and reporting of results
- Open architecture, fully customizable reporting and test designer allows assay configuration (down to minute detail) with intuitive software (Multilanguage support, Windows-7 based and installed in the included laptop)
- Best-of-breed features: intelligent rack, built-in patient-barcode scanner, and on-board camera for remote troubleshooting
- High-volume sample capacity with 192 patient positions on convenient sliding sample-tray
- Programmable for 16 custom reagent positions
- Simultaneous processing of 1 to 8 analytes in a single batch
- Compact footprint of 2' x 2', fits on 60cm deep standard lab bench and weighs just 65 pounds

### Instrument & Software Specifications

- Pre-dilution of samples on one plate, incubator with  $\leq 40^{\circ}\text{C}$  (for non-Monobind assays) and two external wash bottles
- Single probe, dual needle with dispense volume up to 500 $\mu\text{l}$
- Photometer Wavelengths 405, 450, 550, 570 and 620 nm standard (other lengths available)
- Orbital shaker for both plates, with no-spill design, amplitude of 1mm, speeds up to 900RPM and times from 0-2 hours
- Report designer with numerous data reduction options; point-to-point, linear regression, cubic spline, 4PL, 5PL, Lin-Lin, Lin-Log, Log-Log representation
- Power supply 120-265V, 50-60Hz
- Lab System Integration (LSI) with Bi-directional, RS232, USB, TCP/IP options
- NRTL Listed, CE Marked

### Monobind assay integration

- Exceptional performance with Monobind immunoassays and optimized test files
- Within assay precision ( $<5\%$  CV) based on five samples run in duplicate
- Excellent correlation and nearly perfect slope with manual method
- Software flexibility post-run in worklist assists users with data analysis and maximizes lab efficiency

### Training & Support

- Included virtual or CA-provided training and learning resources by Gold Standard Diagnostics (on-site, fee-based on request)
- Front-line operational support by Monobind

**Contact us today to learn more**  
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