



Impulse 3

> Monobind is a Leader in CLIA

As a pioneer in open-system chemiluminescence assays, Monobind developed its AccuLite® product line in 2003 capturing the benefits of CLIA technology: sensitivity, speed and dynamic range. In 2005, it launched Impulse, the first open-system luminometer designed for clinical labs providing a critical component in the adoption of CLIA technology worldwide.

Today, AccuLite represents the largest portfolio of open-system CLIA assays with 45+ analytes which Monobind complements with many instrument options, including Impulse3 a hallmark of excellence and precision.

> Highly Sensitive

The Impulse3 and AccuLite System is distinguished by its exceptionally high sensitivity, thereby allowing clinically significant detection limits with low reagent concentrations. A wide selection of high-quality standardization procedures ensures optimum accuracy and precision in the measurement of assays.

> PC Connection with Intuitive Interface

The instrument connects to a PC via a USB plug and comes with Impulse3 software which contains all AccuLite test definitions. After installation, users simply select desired assay(s) and begin measurement with routines tested and certified by Monobind. The user-friendly interface and integrated reagent package deliver clinical users an unparalleled confidence.

> Designed for Clinical Labs

An unlimited number of protocols may be stored. Protocol types are immunometric (ILMA), Competitive (LIA), CutOff and Raw Data. Additionally,

- Automatic Performance Test with optional test plate
- Two point calibrations using stored curve or master curve
- Flexible definition of wells to be measured
- Sequence selection for column or row strip assays
- Multiple assays per plate (up to eight)
- Full support of kit lot numbers
- Storage of assay results, allowing off-line reevaluation
- Shaking, 3 modes, variable amplitude and speed
- Sophisticated curve-fitting, logit-log or log-log transformation with optimized auto or manual smoothing
- Curve fitting, provides full standardization
- Storage of standard curves
- Open Instrument for use with other CLIA-assays



> Specifications

PC Operating System	Win 2000, Win NT, Win XP, Win Vista
PC Requirements	Pentium processor, min 500 MHz, CD ROM drive, min display 1024x768,USB
Power Supply	110-240V
Weight, Dimensions	6 kg, 300 x 400 x 200 mm
Regulations	CE, UL, CSA

> 2-Point Calibration Saves Labs Time and Money

The robustness of AccuLite allows for two-point calibration enabling labs to run more patient samples per plate, reducing reagent use and cost. Impulse3 and AccuLite offer a convenient and affordable package designed to bring high quality immunoassays to markets worldwide.

Contact us today to learn more

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