MAGLUMI® X8

Chemiluminescence Immunoassay (CLIA) System

Technical Specifications

Reagent Features

- Flash chemiluminescence label-ABEI, with high sensitivity and long stability
- Magnetic Microbeads separation, fast and efficient

Main Features

- Throughput: up to 600 tests/hour (Single module)
- Time to first result: 15 minutes
- 24 hours ready to use
- Up to 2800 walk-away tests
- Modular Expanding Flexibility:
  *Capable to integrated several modules including Snibe Immunoassay, biochemistry and ISE module
  *Capable to link with Laboratory Automation system (TLA/LAS)

Sample Loading

- Up to 300 sample positions
- Continuous loading, STAT available
- Auto remeasuring function
- Sample editing mode:
  Lis connection, Barcode recognition, Auto named, Manual editing

Reagent Loading

- 42 reagent positions on board
- Continuous loading
- RFID technology
- 24-hour refrigerated
- Working Temp. 8°C-12°C, Storage Temp. 2°C-8°C

Reagent Needle

- Titanium needle for crushproof
- Teflon coated for carry-over prevention
- Dual-arm design to pipette different reagents simultaneously
- Liquid level detection, Collision detection
- Probe depth adjustment automatically

Reagent Integral

- Ready to use, no pretreatment required
- Calibrators and internal controls included
- RFID tag storing all info of reagent
- 2-point re-calibration
- Calibration stability: up to 4 weeks
- Storage temperature: 2°C-8°C

Sampling System

- Using disposable TIPs
- One pipetting for multiple tests
- Clot detection
- Liquid level detection
- Bubble detection
- Collision detection

Reaction Disk

- Incubating 252 cuvettes simultaneously
- Stable 37.0°C incubation
- Non-contact mix technology

Tip Storage

- Up to 576 TIPs loaded one time (6 boxes)
- Intelligent loading technology, continuous loading, real-time reserve monitoring

Cuvette Storage

- Single cup design
- Up to 2912 cuvettes loaded one time (16 boxes)
- Intelligent loading technology, continuous loading, real-time reserve monitoring

Washer

- 4-step washing technology, high speed single channel design
- Intelligent magnetic field design ensuring excellent separation
- Non-contact Magnetic Microbeads suspension technology

Software System

- Bidirectional LIS connection by TCP/IP and COM Port
- Supporting SnibeLinker remote diagnosis system

Dimensions Weight

- Input: AC 100-240V,50/60Hz
- Dimensions and Weight:192*118*150 (cm), 670Kg

PT. MULTIMEDILAB KARYAMANDIRI
MEDICAL & LABORATORY EQUIPMENTS
GP Plaza Lantai 3 Unit 6 Jl. Gelora II No. 01 RT. 01/01, Kelurahan Gelora Kecamatan Tanah Abang, Jakarta Pusat 10270 – INDONESIA
Telp. (021) 3972-9191 (hunting), Fax. (021) 3972-9195

M1012E01-210202

MAGLUMI® X8

Fully Automatic Chemiluminescence Immunoassay (CLIA) System



The Fastest CLIA Solution

MAGLUMI®

- Flash chemiluminescence label-ABEI, with high sensitivity and long stability
- Magnetic Microbeads separation, fast and efficient



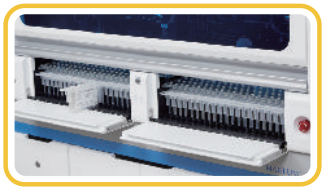
Sampling Loading

- Up to 300 sample positions
- Continuous loading, STAT function available
- Auto remeasuring function, auto dilution function
- Sample editing mode:
  Lis connection, barcode recognition, auto named, manual editing



Sample transport system/Sampling system

- 3 channels, High speed loading
- Specific channel for STAT samples
- Disposable tips
- One pipetting for multiple tests
- Clot detection
- Liquid level detection
- Bubble detection
- Collision detection



Reagent Area

- 42 reagent positions on board
- Continuous loading
- RFID technology
- 24-hour refrigerated
- Working Temp. 8°C-12°C, Storage Temp. 2°C-8°C



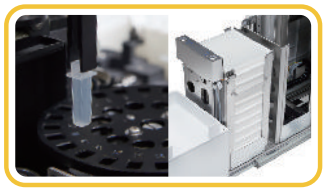
Reagent needle

- Titanium needle for crushproof
- Teflon coated for carry-over prevention
- Dual-arm design to pipette different reagents simultaneously
- Liquid level detection, Collision detection



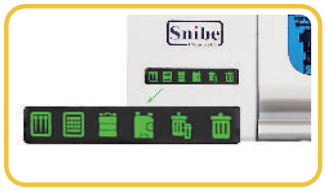
Tip Storage

- Up to 576 TIPs loaded one time (6 boxes)
- Intelligent loading technology, continuous loading, real-time reserve monitoring



Cuvette Storage

- Single cuvettes design
- Up to 2912 cuvettes loaded one time (16 boxes)
- Intelligent loading technology, continuous loading, real-time reserve monitoring



Consumable management

- Intuitive and concise design
- Intelligent reminding



Software System

- Brand new user-friendly UI interface
- Supporting SnibeLinker remote diagnosis system
- Multilingual support
- Touch screen, easy operation
- Report system including editing, storage, query and printing