

# Technical Specification



## Maglumi 800

### Principle of Luminescence

- Non-enzyme involved flash chemiluminescence, long stability of reagents
- ABEI label, stable in acid and alkaline solution

### Modes of Operation

- Random, Batch and STAT

### Sample Loading

- Up to 40 sample tubes
- Continuous loading, STAT available
- Analyzer auto numbered
- LIS connection
- Refrigerated sample area with independent power supply

## Reagent Loading

- 9 reagents on board
- Continuous loading
- RFID reading all info of reagents
- Refrigerated reagent area

## Reagent Features

- Integrated kit, ready-to-use, no pre-treatment required
- Integrated kit including calibrators
- Using superparamagnetic microbeads
- RFID tag storing all info of reagent
- RFID tag with built-in master curve
- 2-point calibration to adjust master curve
- Calibration stability: Max 4 weeks

## Other Features

- Clot detection
- Liquid level detection for reagent
- Optional ratio for sample dilution
- Auto dilution for high concentration sample
- Constant 37°C incubation
- 15-30°C Operating Temperature

## Operation System

- Windows 7
- HP compatible (Dual-core CPU), Color touch screen

## Interconnection

- Connection to LIS via COM or network card
- Direct operation on LIS system to test

## Dimensions Weight

- 102x72x56cm, 73Kg