

Technical Specification



Maglumi 4000 Plus

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 144 sample tubes
- Continuous loading, STAT available
- Barcode reader recognition or analyzer auto numbered
- LIS connection, auto read sample info
- Refrigerated sample area with independent power supply

Reagent Loading

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

Reagent Features

- Integrated kit, ready-to-use, no pretreatment 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

- 208 x 89 x 160cm, (Monitor table extended)
- 138 x 89 x 160cm, (No Monitor table)