

Technical Specification



Maglumi 2000

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 primary tubes
- Continuous loading, STAT available
- Barcode reader recognition or analyzer auto numbered
- LIS connection, auto read sample info

Reagent Loading

- 15 reagents on board
- Continuous loading
- RFID read all info of reagent
- Refrigerated reagent area

Reagent Features

- Integrated kit, ready-to-use, no pretreatment required
- Integrated kit including calibrators
- Use superparamagnetic microbeads
- RFID tag storing all info of reagent
- 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 XP
- HP compatible (Dual-core CPU)
- Colour touch screen

Interconnection

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

Dimensions Weight

- 135×64×87cm, 158kg