

# EAC

## Automated Haemostasis System



Lowest cost per test



# Haemostasis instrument

- Clotting, Chromogenic and Immuno-turbidimetric assays
- Loading of the reagent bottles on the carousel
- Material and operation traceability
- Powerful and easy to use software
- Easy reaction curve viewing
- User predefined autoQC
- Very low running cost
- LIS connectivity



## Description

- Analysis methods :
  - o Clotting : Optical clot detection with 6 LEDs
  - o Chromogenic: Absorbance with 1 LED
  - o Immunology: Turbidimetry with 1 LED
- Throughput :
  - o Up to 140 PT/hour
  - o Combined assays around 50 to 60 tests/hour
- Samples: Plasma, serum
- Routine and STAT processing

## Reagents / samples carousel

- Sample carousel : 40 sample positions for primary tubes 13x75mm (7, 5, 3.5, 3, 2, 1 ml), microtubes
- Reagent carousel: Specific coagulation carousel for bottles and tubes (1.5ml, 5ml and 10ml) 35 positions
- Carousel refrigeration
- Sample dead volume: 50µl
- Positive identification for samples and reagents by internal barcode reader

## Pipetting system

- 2 precision maintenance free pumps with ceramic pistons
- Reagent and sample dispensing: 2-220µl with 0.1µl increments
- Mixing system on the sample probe
- Preheating system on the reagent probe

## Reactions

- Reaction support: 96 well microplate
- Microplate heating system: 37°C
- Reaction volume: 105 – 255µl

## Optical system

- Six 405nm LEDs for chronometric determinations
- One 656nm LED with filter for colorimetric determinations
- One 405nm LED with filter for colorimetric determinations
- Resolution: 14 bits

## Other

- Power: 95-230 Volts, 50-60 Hz
- Dimensions: 850 x 660 x 550 mm
- Weight: 60 kg
- CE Certification

## PARAMETERS

### Current MAXMAT test offer

- PT
- APTT
- Fibrinogen
- Calibrators
- Controls

### Coming soon:

(open for other parameters on the market):

- Thrombin Time
- D-Dimer
- Factors
- Chromogenic: AT, PC, PS, Heparin and LMWH, antiplasmin, plasminogen
- Latex: PC, total and free PS, vWF antigen
- APCr, PTT LA