Fully automated analyser for haemostasis

SOLEA 100



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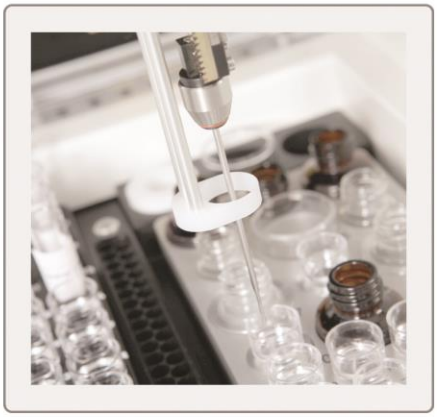
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Stable cruise speed

- Perform more than100 tests per hour in routine mode (PT+APTT +TT+FIB). The analyser optimizes the use of cuvettes racks to get the highest speed and the most reliable results.



Smart & economical use

- The very low dead volume (0.2mL) saves reagent. Racks with unused cuvettes are returned to be used later for remaining cuvettes.

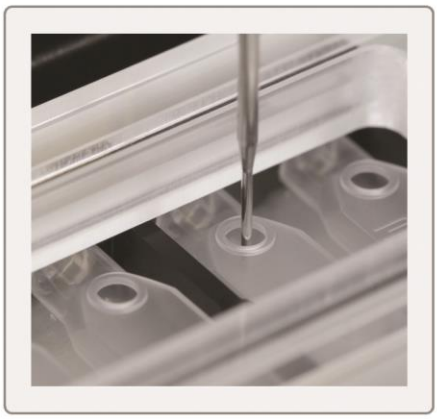


Intelligent system

- Light and sound alarms, automatic reruns, permanent check of any signal anomaly, automatic volumes checks by level sensor... all functions are available for the easiest use.

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Reliability

- A production respecting the highest quality standards ensures the best reliability for such analysers. All European components are used to build this robust system.



High flexibility

- Add reagents, samples, STATS, anywhere, anytime! or install several vials for a same parameter onboard.
- Use large or small original reagent bottles, or even “Hitachi cups” for very small volumes of reagent.



A notable autonomy

- 32 patient positions, 16 reagent positions, 8 control and calibrator positions and racks magazine for 464 tests – all give the best autonomy to the analyser.

Compact and fast

Fully automated analyser for haemostasis

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SOLEA 100

Technical specifications

SOLEA 100

• Performances
- Throughput : 110 PT/h
- Throughput PT+APTT+TT+FIB : 100 tests/h
- Random access processing (Patient oriented)
- Continuous operation and Stat management
- 8 measuring channels
- 2 wavelengths (Red: 620 nm, Blue: 405 nm)
- Capable of all haemostasis parameters: Chronometric, chromogenic and immunologic (PT, APTT, FIB, TT, Factors, AT III, D-Dimer, Protein C, Protein S…)

• Capacity
Samples
- Sample tray : 32 positions for samples + 4 dedicated positions for calibrators
- Sample cups or primary tubes
- Internal barcode reader (optional)

Reagents
- Reagent tray : 16 positions + 4 dedicated positions for quality controls
- Reagents and controls are kept at 17°C for optimal performances
- Magnetic stirring
- Reagent and sample addition during routine is possible
- Management of several reagent positions for a single reagent
- Management of several reagent racks in the software for extended capacity

Cuvettes Racks
- Cuvettes racks loader for 464 tests
- Automatic loading and waste of cuvette racks
- Refilling racks possible anytime
- Rack return for cost effective work

• Functions
- Automatic level detection
- Automatic predilution
- Automatic repeat-testing
- Automatic calibration curve calculation
- Measuring system with process monitoring
- Error monitoring during signal treatment
- Graphic display of clotting process
- Continuous access to sample status
- QC management
- Bidirectional interface
- USB 2.0 connection
- Light and sound alarms

• Specifications
- without packing:
  - **W x H x D**: 72 x 62 x 55 cm
  - **Weight**: 37 kg
- with packing:
  - **W x H x D**: 120 x 80 cm x 90.5 cm
  - **Weight**: 66 kg
- Power supply: - 100 to 240 VAC +/- 10%
  - 50 to 60 Hz
  - 150 VA

• Highlights :
- 8 reading channels
- Automatic cuvettes racks loading and waste
- Unique incubation technology
- 110 tests/h in routine mode
- Robust and fine design
- Friendly use
- Rack return for economic use
- Performances kept at elevated room temperatures (tested up to 30°C)
- 32 sample positions
- 16 reagent positions
- 8 control and calibrator positions
- Micro-volumes of reagents:
  - PT: 100µL
  - APTT: 50µL (Activator) + 50µL (CaCl2)

BIOLABO

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ISO 9001 CERTIFIE Qualité

ISO 13485 CERTIFIE Santé Médical

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