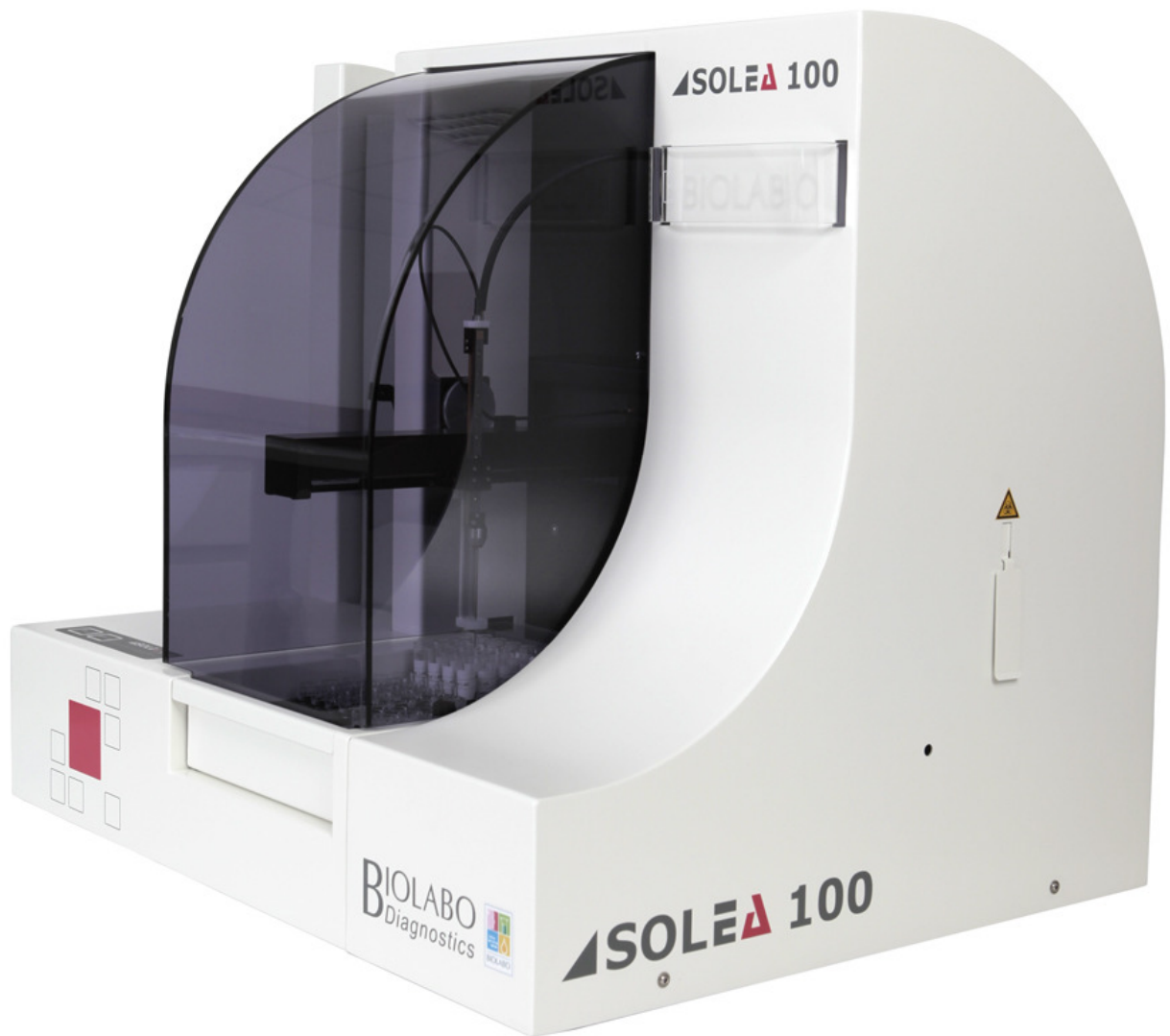


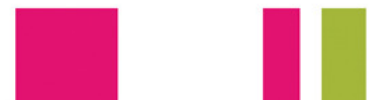


Fully automated analyser for haemostasis

SOLEA 100



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 **Stable cruise speed**

- Perform more than 100 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.

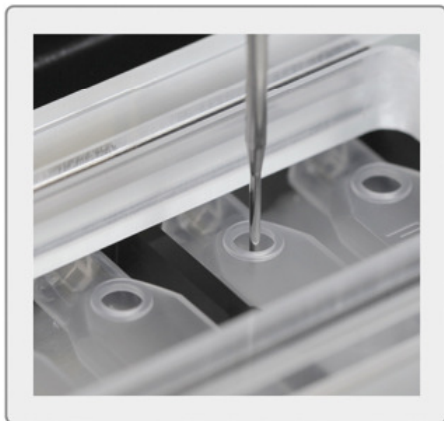


 **Intelligent system**

- 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.

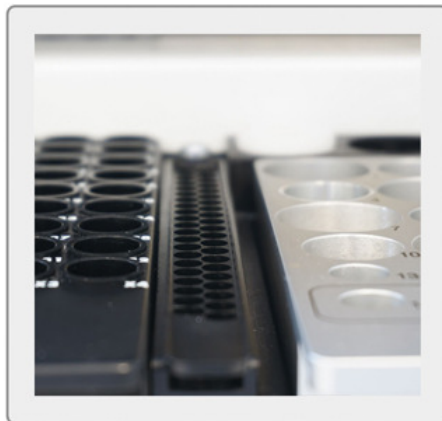


SOLEA 100



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





Technical specifications

SOLE 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)



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