sthemO
by Stago
301

Hemostasis
is in our blood.





The first hemostasis analyzer of the new generation

Stago

sthemO 301

OUR EXPERTISE SERVING YOUR NEEDS

sthemO 301 is designed for medium and high-activity laboratories and can be integrated into automated tracks.

- **Simple and versatile, requires limited training**
- **Great autonomy and full automation, allows you to focus on value-added tasks**
- **Advanced analytical performance for improved patient management**
- **The right combination of expertise and performance in a cutting-edge solution**



A revolutionary analytical core

- Dual Technology: a breakthrough in hemostasis

  In addition of our unique viscosity-based detection system, you can now perform in parallel optical measurements in the same test, in the same cuvette.

- Integrated immuno-chemiluminescence*
  A technology that delivers optimal performance with new parameters
- 4 embedded technologies
  - Viscometry
  - Colorimetry
  - Turbidimetry
  - Immuno-chemiluminescence
- 1 cuvette, 1 test, 4 technologies

*Reagents under development.



Maximum autonomy for more productivity

Let sthemO 301 handle the peaks in your lab activity. This automated analyzer will continue taking measurements while you load and unload samples and reagents. Its onboard storage capacity gives you maximum walkaway capabilities.

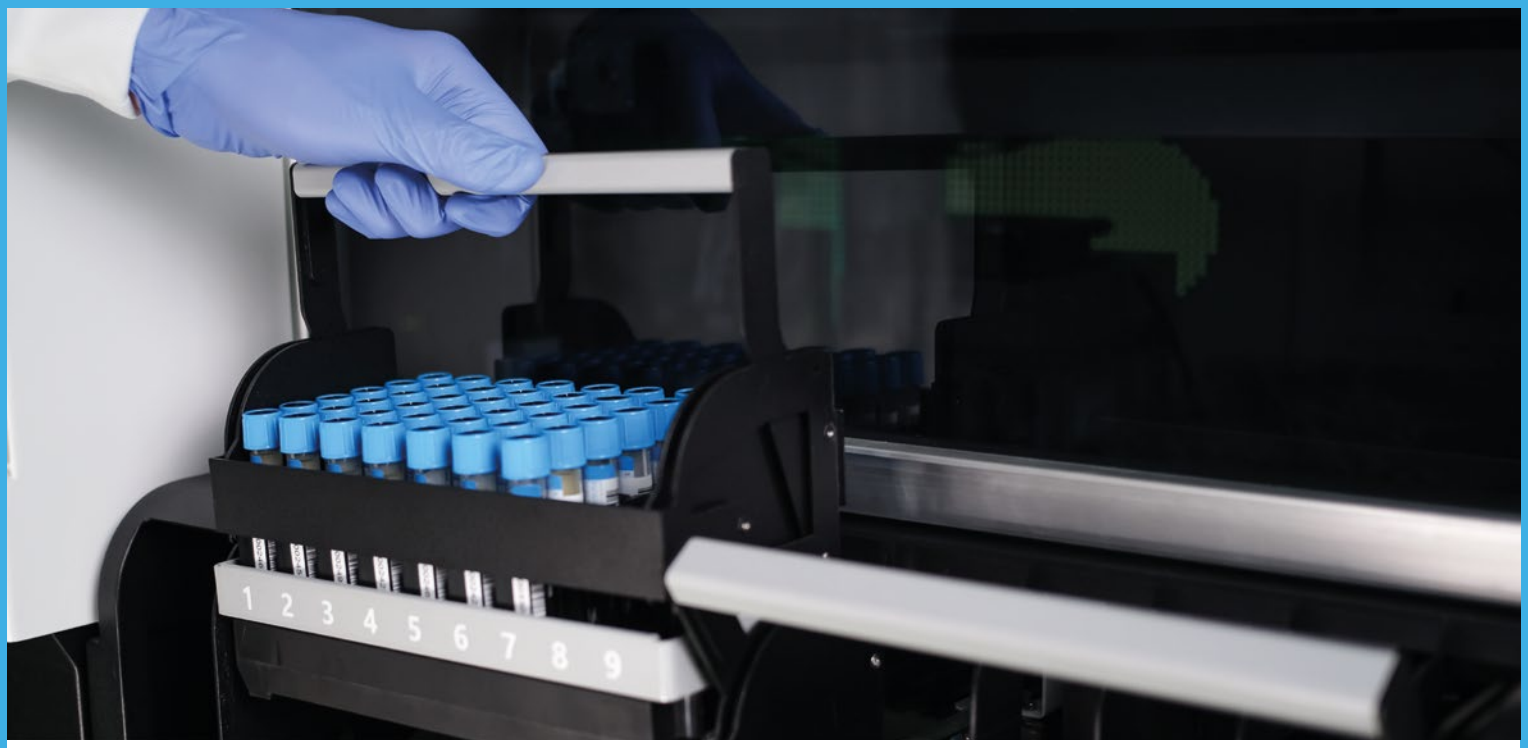
- Greater productivity: the analyzer never stops working
- XXL loading capacity and new packaging for optimum walkaway capabilities
- Up to 156 product vials on-board
- High throughput for all test combinations

Cuvettes and beads

- Ergonomic cuvette packaging for easy loading
- "Place and twist" bead dispenser for safe and simple loading
- Test management optimized by the analyzer, increasing throughput of all test combinations





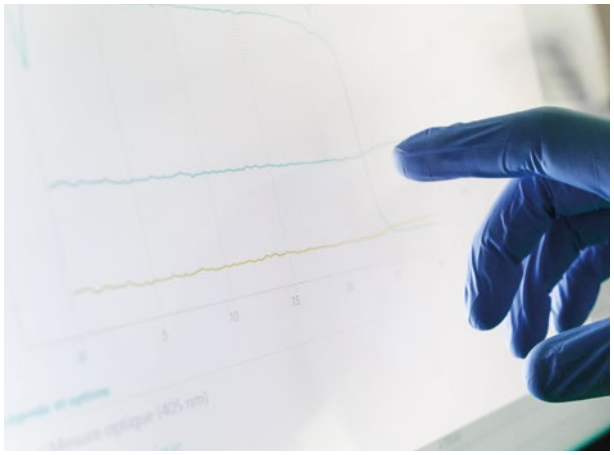


Make your life easier

Designed to improve user experience, sthemO 301 is both efficient and easy to use.

sthemO integrates smart features that will make your life simpler. Its embedded artificial intelligence recognizes the different types of patient tubes (manufacturers, capped/uncapped).

- A new contemporary and ergonomic user interface
- Automatic processing of all types of tubes
- On-board stirring system to limit reagent handling

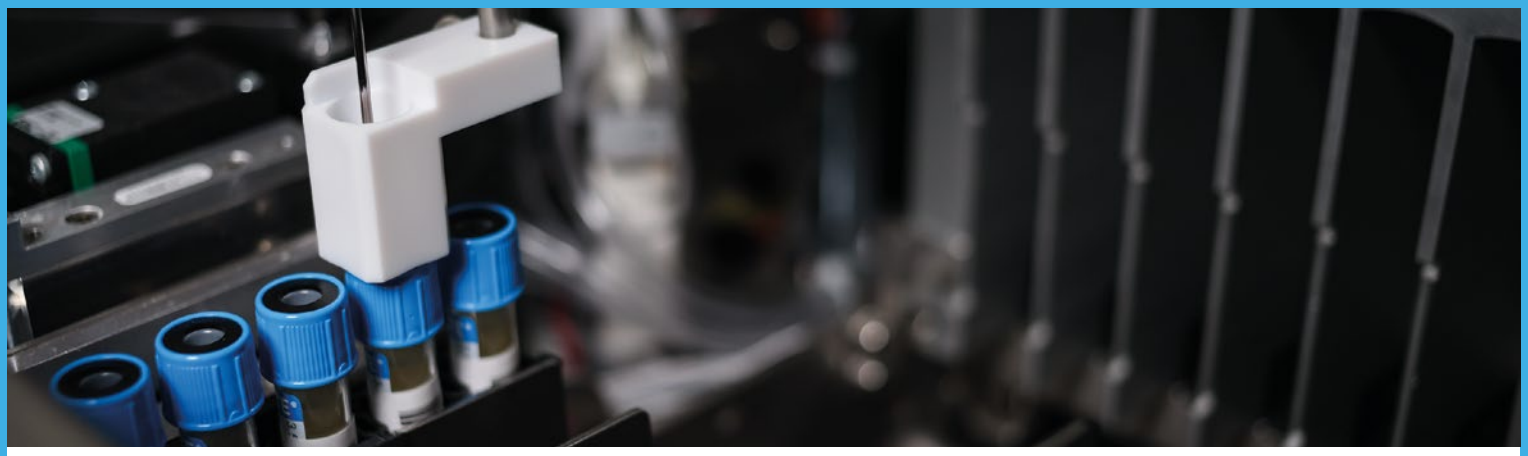


The optimum complete system out there

With its new line of dedicated reagents, sthemO 301 offers an optimal performance.
Stago is committed to bringing you a full solution to meet your lab's daily hemostasis requirement including a new associated range of services.

- New individual vial identification for complete traceability
- Performance-optimized reagents
- sthemE Manager: the eSolution for more consolidated view of lab results and accreditation support





TECHNICAL SPECIFICATIONS

System

- Cap piercing
- Pre-analytics with EPC Module (HIL), automated recognition of the tube types and volume check
- STAT loading area
- Compatible with automation lines and STA Workcell Max

Measurement principles

- Dual Technology: mechanical + optical (3 wavelengths) in parallel
- Clotting time measurement
- Colorimetry (12 wavelengths)
- Immunoturbidimetry (12 wavelengths)
- Immuno-chemiluminescence

Onboard capacity (continuous loading + automated barcode reading)

- 126 reagent vials
- 30 quality controls and/or calibrators vials
- 6 diluents vials
- 168 patient samples

Operating conditions

- Temperature: +15°C to +30°C
- Relative humidity: 20% to 80%
- Voltage: 100 - 240 V ~ ±10%
- Frequency: 50 to 60 Hz
- Maximum power: 1 800 W per power socket

Analyzer dimensions

- Height: 1410 mm (covers closed)
- Width: 1680 mm (without arm)
- Depth: 800 mm
- Weight: 325 kg

Connectivity to LIS

- Using HL7 communication protocol

WANT TO LEARN MORE ABOUT sthemO?

The sthemO analyzers are qualitative and/or quantitative automated hemostasis platforms for in vitro diagnostic use by clinical laboratories personnel. It is used together with dedicated sthemO reagents and controls.

The sthemE Manager is designed to manage data and information between one or several in vitro diagnostic analyzers and laboratory information systems. The system, composed of sthemE Manager and one or several analyzers, is handled by empowered laboratory personnel. sthemE Manager is not intended to be used with specific assays.

The performances for Stago reagents can be found in all reagents Instructions for Use available on the Stago website.

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Diagnostica Stago
Always read the label and instructions for use – follow the instructions for use

Stago
Diagnostics is in our blood.

Diagnostica Stago S.A.S.
3 allée Thérésa - CS 10009
92600 Asnières sur Seine Cedex - France
+33 (0)1 46 88 20 20
+33 (0)1 47 91 08 91
webmaster@stago.com
www.stago.com

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