

STA Compact



STA Compact®  
The **reliable** analysis



## Technical specifications

- **Dimensions:**
  - Height: 640 mm (25.2 in.)
  - Width: 975 mm (38.3 in.)
  - Depth: 720 mm (28.1 in.)
  - Weight: 140 kg (309 lb)
- **Space required:**
  - Height: 996 mm (39.2 in.)
  - Width: 2530 mm (99.6 in.)
  - Depth: 1100 mm (43.3 in.)
- **Power supply:**
  - Voltage: 95 V, 115 V, 230 V
  - Frequency: 50-60 Hz
  - Maximum Power: 1400 W
- **Operating Conditions:**
  - Temperature: + 15°C to + 32°C (+ 59°F to + 89.5°F)
  - Hygrometry: 20-80% RH
- **Temperatures:**
  - Reagents drawer: + 15°C à + 19°C
  - Measurement areas: + 37°C ± 0.5°C
- **Disposable:**
  - Roll of 1000 optical quality cuvettes with stainless steel ball
- **Hardware:**
  - PC
  - Floppy 3.5" 1.44 MB
  - Screen: LCD color screen 15"
  - Keyboard: Alphanumeric QWERTY or AZERTY type
  - Barcode reader: Integrated, Scanplus model
  - Connection: Bidirectional (ASTM protocol)
- **Measurement:**
  - Clotting: by modification of the medium's viscosity
  - Chromogenic: by measurement of optical density
  - Immunology: by measurement of optical density
- **Test Selections:**
  - 80 user definable test methodologies for clotting, chromogenic and immunological assays
- **Samples:**
  - 1 drawer of 96 primary sample tubes
  - automatic dilutions and redilutions
  - barcode read-out system
- **Reagents:**
  - 45 positions for different sized vials
  - total management of reagents
  - barcode read-out system

## Parameters

- PT
- APTT
- Fibrinogen
- Thrombin Time
- Extrinsic pathway factors
- Intrinsic pathway factors
- Heparin and Heparin
- Protein C
- APCr
- Protein S
- VWF
- D-Dimer
- Plasminogen, Antiplasmin
- Calibrators

**For further information, please contact:**



9 rue des Frères Chausson - 92600 Asnières  
Ph.: +33 (0)1 46 88 20 20 - Fax: +33 (0)1 47 91 08 91  
Internet: [www.stago.fr](http://www.stago.fr) - E-mail: [stago@stago.fr](mailto:stago@stago.fr)



## Behind every sample is a patient... a life.

The fully automated Coagulation analyser STA Compact® has been developed around 4 concepts in full compliance with laboratory expectations.

### RELIABILITY

The STA Compact® and the STA® line of barcoded reagents are developed as a **Comprehensive System** to ensure reliable results. With its Viscosity-Based Detection System, the STA Compact® offers a maximum sensitivity for all clotting tests and total efficiency on all types of plasma.

Thanks to its **proven reliability**, the STA Compact® suits the requirements of a wide variety of Coagulation laboratories around the world.

DIAGNOSTICA STAGO's External Quality Control Program (STA® QCE) gives worldwide system users access to peer review by comparing, twice a year, its results to those of other laboratories.



### EASY TO USE

The STA Compact® performs simultaneously clotting, chromogenic and immunological assays in true random access. It offers **flexible operations**: continuous sample loading, rapid STAT turnaround time, rerun or addition of tests at any time. Test setups and users' protocols are easily programmable.



### SAFETY & SECURITY

The STA Compact® provides operator safety with the **cap piercing option**, waste management by software and restricted access to working parts and robotics during operation. The **positive identification** of sample tubes, the loading process of reagents and related information are secured through **barcoded labels**. Quality of the results is ensured by an integrated quality control program and dedicated barcoded multi-parametric assayed controls.

### PRODUCTIVITY

The STA Compact® is designed to fit any workload. Its extended loading capacity for reagents and disposables **enhances the walk-away capabilities** of the STA Compact®. Its high throughput optimises the workflow of each Laboratory.



STA Compact®:  
"The reliable analysis"

## SAMPLE MANAGEMENT



- 96 sample positions
- Positive barcode identification for samples
- Random loading
- Cap piercing\*
- Immediate treatment of STAT samples
- All tube sizes accepted including paediatrics and microcontainers



## COMPREHENSIVE SOFTWARE

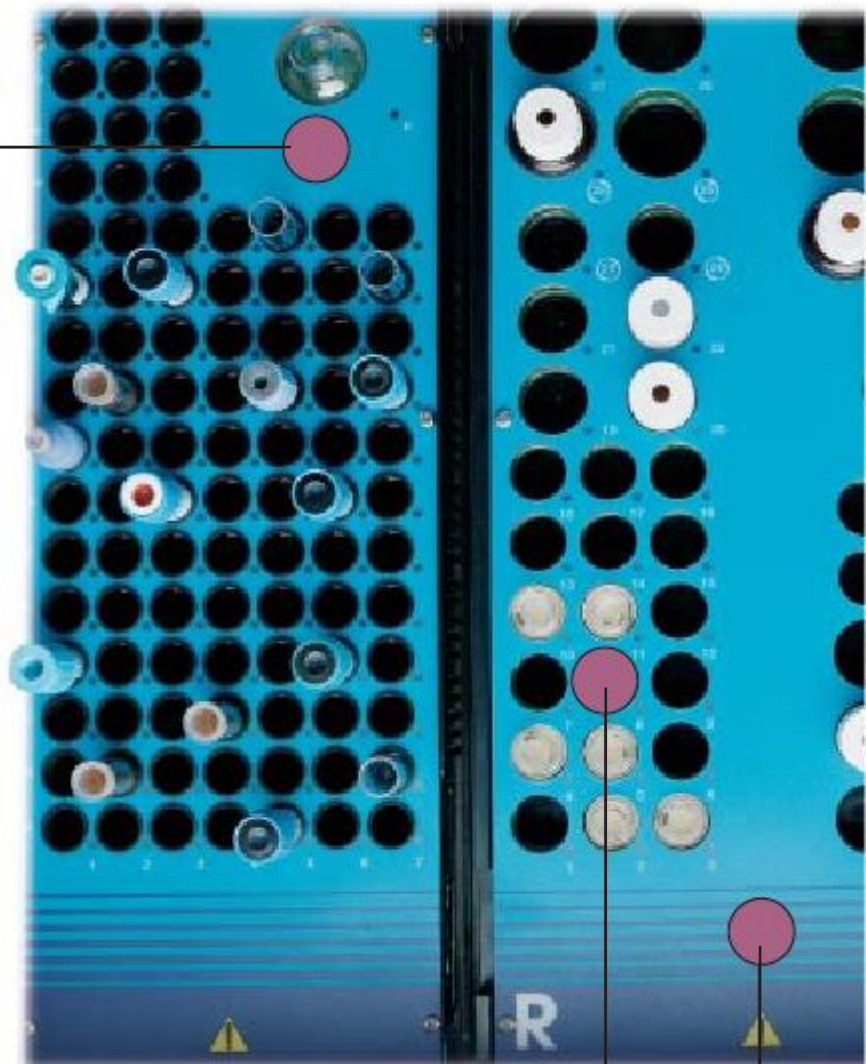


- Flexibility to rerun or add a test at any time
- Host query and bidirectional interface
- Integrated quality control program
- Management of maintenance by software
- Up to 80 programmable tests

## REAGENT MANAGEMENT



- 45 reagent positions cooled at + 15°C
- Positive barcode identification for reagents
- Random loading
- Multi-vial capability for one same reagent



\* Available as an option.



## MEASUREMENT AND DETECTION SYSTEM



- Simultaneous measurement of clotting, chromogenic and immunological assays
- Viscosity-based detection system for clotting tests
- 3 needles for sampling with Liquid Level Detection
- Automatic dilutions and redilutions



## DISPOSABLES



- Roll of 1000 unitary cuvettes
- Identification by barcode
- Management of disposables by software

## DEDICATED REAGENTS LINE



- Barcoded precalibration for routine and specialised reagents (PT, Fibrinogen, D-Dimer and Free PS)
- Complete management of reagents (name, lot number, volume, stability and expiry date)
- Widest menu of assays for Haemostasis





## The **reference** in coagulation testing

- ✓ Routinely used in over 80 countries
- ✓ A complete line of barcoded reagents for clotting chromogenic and immunological assays
- ✓ A dynamic system with continuous innovations
- ✓ A complete solution: Instrument, Reagents, Support and Expertise

