

STA Compact



STA Compact[®]
The reliable analysis



**DIAGNOSTICA
STAGO**

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STAGO**

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 LMWH
- Antithrombin
- Protein C
- APCr
- Protein S
- VWF
- D-Dimer
- Plasminogen, Antiplasmin
- Calibrators
- Quality Control

For further information, please contact:





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

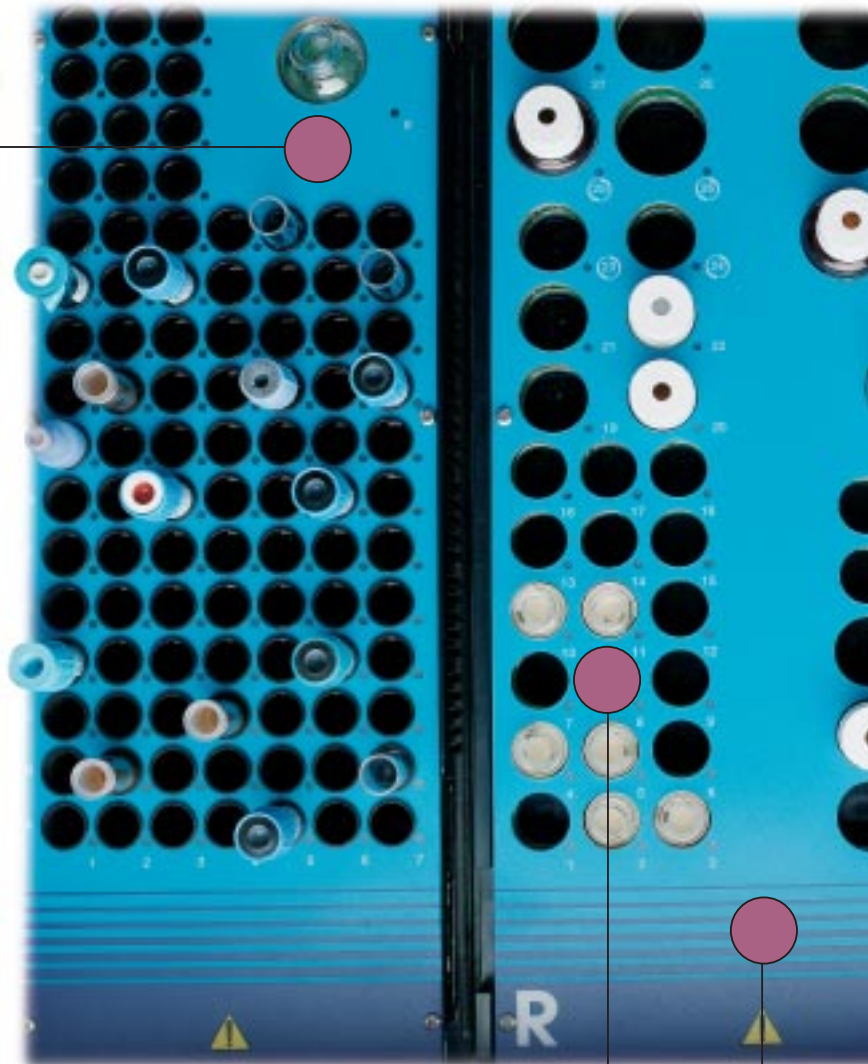


- Flexibility to rerun or add a test at any time
- Host query and bidirectional interface
- Integrated quality control program
- Management of maintenance by software
- Up to 80 programmable tests

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

