STA Compact Max

INSIDE EPC Module

Max Efficiency

Max Performance

Max Innovation

Max Reliability

Technical Specifications

Stago

SYSTEM CONFIGURATION

Cap piercing option

Expert Preanalytical Check module option

MEASUREMENT

Clotting	Viscosity Based (Mechanical) clot detection
Chromogenic	by measurement of optical density (at 405 nm)
Immunology	by measurement of optical density (at 540 nm)

METHODOLOGIES

80 user definable test methodologies for clotting, chromogenic and immunological assays

PARAMETERS

PT

APTT

Fibrinogen

Thrombin Time

Reptilase Time

Extrinsic pathway factors

Intrinsic pathway factors

Factor XIII

Anti-IIa

Anti-Xa

D-Dimer and fibrin monomer

FDP

Antithrombin

Protein C

Activated Protein C Resistance

Protein S

Lupus Anticoagulant

VWF

Microparticles

Plasminogen, Antiplasmin and TAFI

Calibrators

Quality Controls

SAMPLES

96 primary sample tubes on board (84 positions for primary tubes and 12 positions for paediatric tubes)

All common tubes size accepted including paediatrics & microcontainers

Random loading of samples

True STAT management without impact on the instrument throughput

Cap piercing option

Sample integrity verification option

Positive barcode identification

Pre-dilution and dilution of samples

REAGENTS

45 positions for different sized vials (5 stirring positions)

Random loading of reagents

Positive barcode identification

Temperature controlled

Precalibration for all routine tests

Automatic pre-dilution of calibrators

Automatic Quality Control

DISPOSABLE

Roll of 1000 optical quality cuvettes with stainless steel ball

Unitary reaction cuvette (1 cuvette = 1 test)

FLUIDICS

Washing solution on board

Connectable to a biological effluent treatment station

HARDWARE*

Processor	Intel Core I3 3.1GHz
Memory	4Go DDR3 minimum
Hard Disk	160 Gb minimum
Operating system	Windows 10 IoT**
Enterprise	2016 LTSB configured
Screen	Touch LCD colour screen 21.5" - 1680 x 1050 resolution
Keyboard	Alphanumeric QWERTY or AZERTY type
Storage	USB ports
Barcode reader	- Integrated - Optional handheld barcode reader

CONNECTION

Network	RJ45 port (Ethernet 10/100/1000Mbps)
LIS	RS232 port Mono or Bidirectional (ASTM Protocol)

DIMENSIONS

Height	705 mm (27.75 in.)
Width	970 mm (38.18 in.)
Depth	730 mm (28.73 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 VA

ROOM ENVIRONMENT

Operating Temperature	Room temperature must be 15 – 32°C (59 – 90 °F)
Relative Humidity	Maintain between 20% and 80%
Average Thermal Output	1400 Whr and/or 4778 BTU
Average Noise Output	< 60 dB while operating

* Stago reserves the possibility to modify this hardware by any other hardware of same specificity and efficiency

** Windows 10 IoT is a trademark from Microsoft Corporation

For further information, please contact:

Stago

At the Heart of Haemostasis

Diagnostica Stago S.A.S.
RCS Nanterre B305 151 409
3, allée Thérésa
92600 Asnières sur Seine
France
Ph.: +33 (0)1 46 88 20 20
Fax: +33 (0)1 47 91 08 91
webmaster@stago.com
www.stago.com