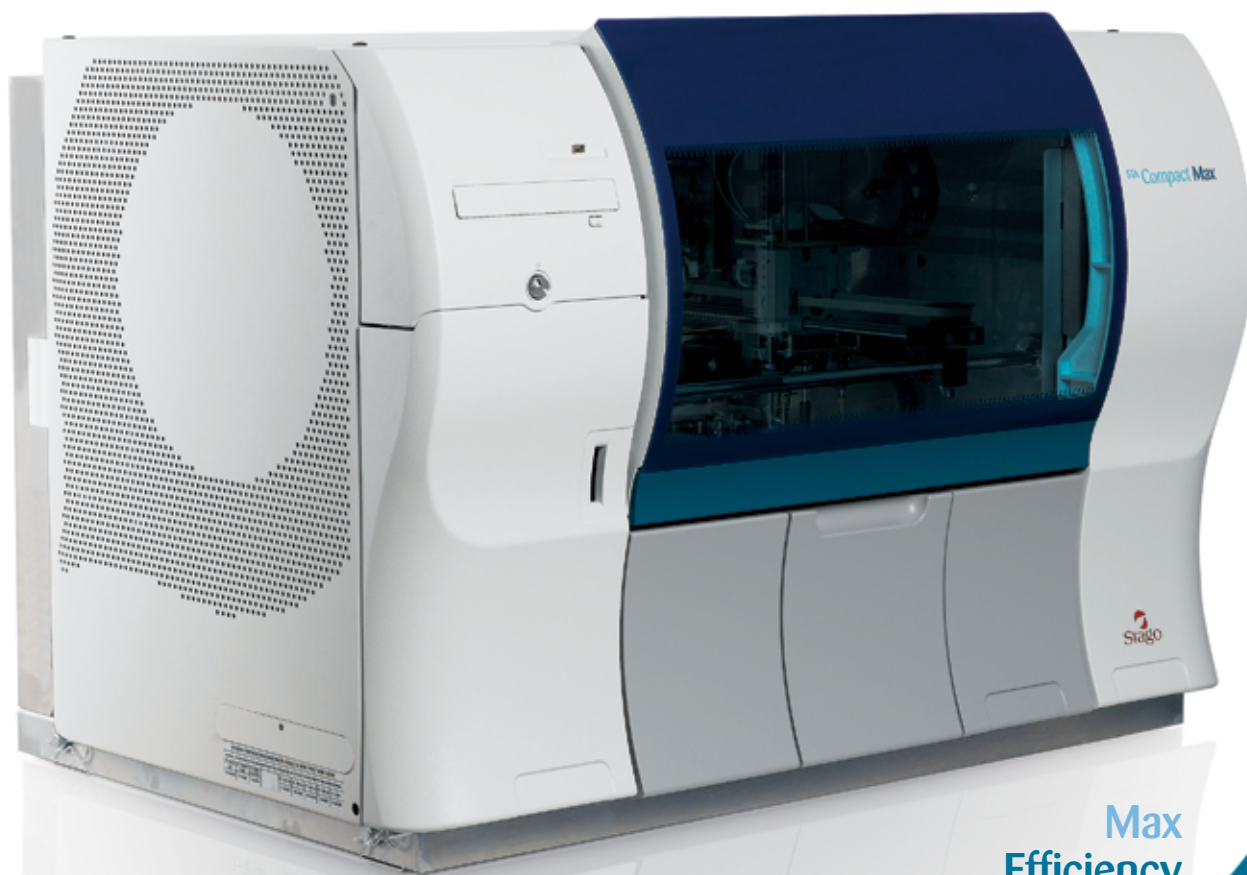


STA Compact Max



Max
Reliability



Max
Innovation



Max
Performance



Max
Efficiency



Technical Specifications



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
Extrinsic pathway factors
Intrinsic pathway factors
Anti-Xa
D-Dimer and fibrin monomer
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)
Main tube sizes accepted including paediatrics
& microcontainers
Random loading of samples
True STAT management without impact
on the instrument throughput
Cap piercing option
Positive barcode identification
Automatic pre-dilution of samples

REAGENTS

45 positions for different
sized vials (5 stirring positions)
Random loading of reagents
Positive barcode identification
Temperature controlled
Precalibration for lots of reagents
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 Celeron M 1GHz
Memory	512 Mb minimum
Hard Disk	80 Gb minimum
Operating system	Windows Embedded Standard 2009**
Screen	Touch LCD colour screen 22"
Keyboard	Alphanumeric QWERTY or AZERTY type
Storage	DVD+/-RW burner USB ports
Barcode reader	Integrated

CONNECTION

Network	RJ45 port (Ethernet 10/100Mbps)
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 Embedded Standard 2009 is a trademark from Microsoft Corporation

For further information, please contact:



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