

Max Generation



TECHNICAL SPECIFICATIONS

Dimensions

- Ⓞ H 100 mm x W 360 mm x D 330 mm
- Ⓞ Weight 2.62 kg

Power supply:

- Ⓞ Voltage: 100 to 240 V
- Ⓞ Frequency: 50 / 60 Hz
- Ⓞ Maximum Power: 65 W

Operating conditions

- Ⓞ 15-32°C
- Ⓞ Humidity 20-80%

Connectivity and interface

- Ⓞ 7" colour touch-screen
- Ⓞ 2 USB ports Type A for printer and external drive
- Ⓞ 1 mini USB port for handheld barcode reader
- Ⓞ RS 232 unidirectional interface
- Ⓞ Connected pipette

Sample and reagent management

- Ⓞ 16 incubation wells at 37°C (4 cells x 4 columns)
- Ⓞ 4 measuring channels (4 cells x 1 column)
- Ⓞ 2 positions for reagents at 37°C (one stirring position) and 2 positions at room temperature

Disposable

- Ⓞ Divisible strips of 4 cuvettes
- Ⓞ One steel ball dispenser

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STart Max



Simplicity born from Expertise

STart Max



Max Reliability

Viscosity-Based (mechanical)

Detection System consistently delivers accurate and precise results

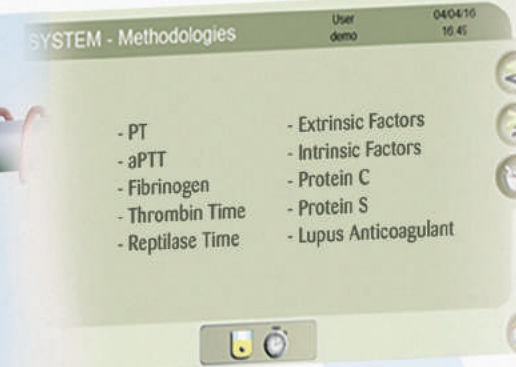
- ⦿ Exclusive technology standardised on all Stago systems
- ⦿ Insensitive to interferences from coloured plasma (haemolysis, icteric and lipemic samples)
- ⦿ Maximum precision for weak clot detection (Fibrinogen)

Comprehensive benchtop haemostasis solution

Proven reliability and robustness of Stago semi-automated STart line analysers

Environmentally friendly design:

Limited solid waste with unique divisible cuvette strips and no liquid waste



Max Innovation

New hardware design to enhance ease of use

- ⦿ 7" colour touch-screen with virtual keyboard
- ⦿ Optional external handheld barcode reader for patient sample identification and quick choice of test setup
- ⦿ USB connectivity for an external printer and an external drive

Intuitive graphical user interface to ensure a seamless integration for laboratory staff

Extended traceability enhances regulatory compliance:

- ⦿ Complete management of reagents, QC information, patient results and calibration data
- ⦿ Tracking of all events, changes and operators through login/logout feature
- ⦿ New back up function for patient, QC and calibration data on an external drive

Connectivity with STA Coag Expert® software standardised on all Max Generation systems or directly with the LIS*



Max Accuracy

Most compact and convenient 4-channel coagulation analyser with

- ⦿ Automatic self-test at start-up
- ⦿ 4 independent built-in timers for incubation with audible alarm
- ⦿ Automatic start of test measurement through a connected pipette

High quality reagents offer maximum sensitivity and reproducibility for all tests

Extensive test menu for all clotting tests from routine to very specialised assays

Maximum results standardisation

with Max Generation instruments for low-volume testing or as a perfect back-up solution for a fully automated optical system requiring an alternative method for problematic samples



Max Practicality

Safe and automatic patient sample identification through an external handheld barcode reader (optional)

30 user-definable preprogrammed test settings all modifiable including 6 user settings

Complete Quality Control menu with QC graphs and statistics on 2 levels

Calibration menu with calibration curve storage and display

On-board archives stored for 50 patient results and up to 120 QC values per assay

Software available in 6 languages: English, French, German, Italian, Spanish, Russian plus one customisable

* Laboratory Information System