

STA Compact Max



INSIDE

EPC

Module



Innovation born from Expertise





Max Reliability

Viscosity-Based (Mechanical) Detection System consistently delivers accurate results immediately:

- exclusive technology standardised on all Stago systems,
- insensitive to analytical interferences from haemolysis, icteric and lipemic samples for clotting assays,
- maximum precision for weak clot detection.

Environmentally friendly design provides economic savings and reduces bio-hazards:

- limited and self-contained fluidic waste system,
- reduced disposable waste (1 cuvette = 1 test).

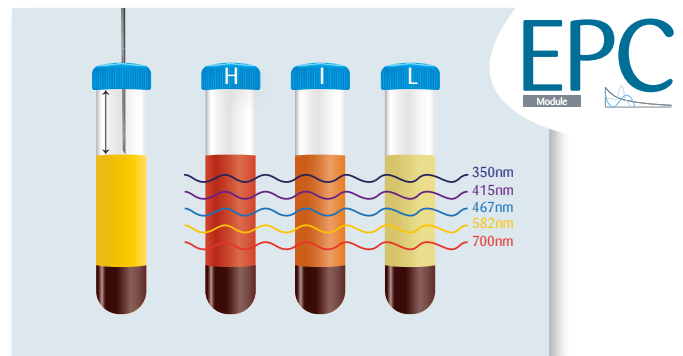
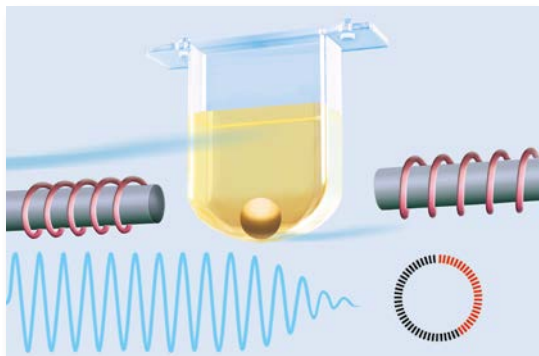


Improved analyser reliability and robustness for continuous result reporting and increased up-time.

Sample integrity verification to ensure quality of results thanks to the **Expert Preanalytical Check module (EPC module)** providing:

- fill volume check feature for any type of tube,
- detection of haemolysis, icterus and lipemia which may affect chromogenic and immuno-turbidimetric tests; and the additional potential for biological impact of haemolysis on clotting assays (CLSI Guideline H21-A5):
 - no requirement for extra plasma volume,
 - no impact on throughput,
 - large index range without any dilution.

High quality of reagents offer maximum sensitivity and reproducibility for all tests.



Max Performance

High loading capacities to enhance the walkaway capabilities:

- 96 samples on-board,
- 45 reagent cooled positions,
- 1000 cuvettes on board.

Real time and proactive alerts to focus operator attention

- QC,
- TAT,
- maintenance status,
- Visual Alarm Device to alert the user of the analyser status (optional).

True STAT management prioritises patient samples to ensure faster turnaround time (TAT).

Automatic management of dilutions, reruns, reflex testing* and add-on tests.

Ready to operate - 24/7 availability and no time required to restart.

* with STA Coag Expert only (optional)



Max Innovation

New hardware design to enhance **ergonomics of use, Rules Engine & Coag Algorithms*** to automate laboratory processes:

- standardises patient results validation, for increased confidence,
- simplifies complex testing with built in expertise, such as the multi-dilution factor management for factor assays.

Intuitive user interface ensures a seamless integration for the laboratory staff, standardised on all Stago systems.

Extended traceability* enhances regulatory compliance:

- complete management of reagents, quality control information and results,
- five years of patient and QC archives stored onboard,
- automated maintenance schedule.

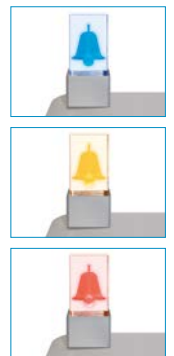
Innovative services:

- accreditation tools for method validation*,
- audit trail,
- remote diagnostic support,
- TAT monitoring.

Cybersecurity features - to meet regulatory requirements

- user rights management
 - log history to restrict access to authorised staff only,
 - unique user login password,
 - password security policy,
 - deactivation of account after several and consecutive unsuccessful logins or period of inactivity.
- secured operating system
 - agility to patch device in case of security vulnerabilities.

* with STA Coag Expert only (optional)



Max Efficiency

Routine and specialised tests in random access.

Wide range of ready-to-use liquid reagents:

- with extensive on-board stability,
- unique pre-calibration feature for all routine tests,
- fully automatic barcoded reagent management (ISI, lot number, expiration date, volume, on-board stability),
- Multiple lot managements per assay.

Adapted throughput for mid-size laboratories.

Positive identification of samples and reagents.

All common tubes size accepted with no manual positioning of barcode required.

Optional Cap piercing-EPC module to ensure operator safety and security.

Optimised and reduced user maintenance operations thanks to improvements like the PSR (Pipettors with Single Resolution) module and the new Cap Piercing needle.

Automatic back-up to secure data integrity.

Max Generation



STA Compact Max

Max
Reliability



Max
Innovation



Max
Performance



Max
Efficiency



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At the Heart of Haemostasis

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