

Suyog Diagnostics Private Limited

STA-R Evolution Expert Series

The *STA-R Evolution Expert* series combines performance, user-friendliness, and security. The series is a fully automated, standalone hemostasis analyzer with total laboratory automation connection capabilities. Clotting, chromogenic, and immunological assays are performed simultaneously using the random access mode.

The system features new comprehensive software under Windows XP operating system, which integrates more flexibility, user-friendliness, traceability, and security for better efficiency and flexible solution to interface coagulation with automatic robotic lines. The system can be able to perform PT, APTT, fibrinogen, thrombin time, reptilase time, extrinsic pathway factors (II, V, VII, X), intrinsic pathway factors (VIII, IX, XI, XII), heparin and low molecular weight heparin, anti-thrombin III, protein C, protein S, APC-R, lupus anticoagulant, vWF, D-dimer, fibrin monomer, microparticles, plasminogen, anti-plasmin, and thrombin activatable fibrinolysis inhibitor (TAFI).



STA-R Evolution Expert Series

Alfred 60 and HB&L

Alfred 60 and *HB&L* are automated bench-top analyzers developed by Alifax SpA, Italy for rapid urine culture with high sensitivity and specificity.

The key features include patented technology based on light scattering; quantitative bacterial count results are reported in CFU/ml can be customized; strong positive samples are flagged after 45 min incubation; negative sample elimination is reported in 4 h; rapid human biological liquids analysis; and detection of low coliform count infections and that of a bacterial count of 100 CFU/ml.



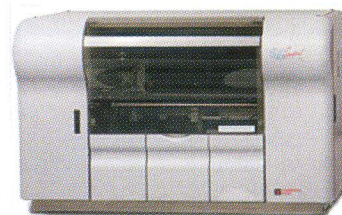
Alfred 60



HB&L

STA Compact

The *STA Compact* is a fully automated random access coagulation analyzer for the detection of blood coagulation disorders by clotting, chromogenic, and immunological methods on plasma samples. It is based on Stago's unique viscosity based detection system (electromagnetic clot detection) and optical filter method for chromogenic and immunological detection. The system is of international standard – ISO 9001, EN46001, and UL1262 certified. This system is suitable for hospitals with more than 400 beds and super-specialties like heart, liver, neurology, and general hospitals.



STA Compact

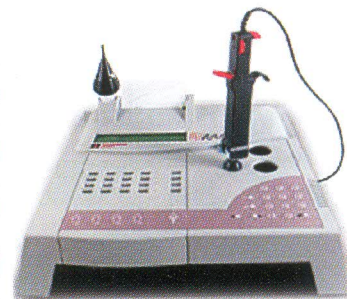
The system has unique features like online sample and reagent monitoring, host query, and bi-directional interface, simultaneous measurement of clotting, chromogenic, and immunological assays, sample and reagent level detection, positive barcode identification for reagents and samples, possibility to identify samples manually, automatic downloading of patients' requests and possibility of manual entry, user convenience frequency for QC testing, immediate treatment of STAT samples, facility for random loading, and dedicated wash station for each needle to prevent carry-over contamination.

The *STA Compact* is an open system for all other reagents and has the widest range of test parameters for coagulation testing. The system provides pre-calibration used for PT, thrombin-time, fibrinogen, and D-dimer.

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ST art 4

ST art 4 is a semi-automated compact system having an in-built thermal printer with liquid crystal display. The system has pre-programmed working parameters, which can be modified easily. It performs automatic self-test when switched on, have standard calibration curve, stored for each parameter with incubation time management with audible signals. The system is of international standard – ISO 9001, EN46001, and UL1262 certified.



ST art 4

The system has unique features like four measuring channels and 16 incubation channels, which is based on change in viscosity detection mode. It has half-volume reagent consumption, and the results are obtained in units of user's choice, can be pre-programmed for 20 parameters, has the facility of printed/display results, and has calibrated a cable-connected pipette for reagent dispensing. ■