



TOSOH

EVOLINE™

DATA MANAGEMENT
AND LABORATORY AUTOMATION



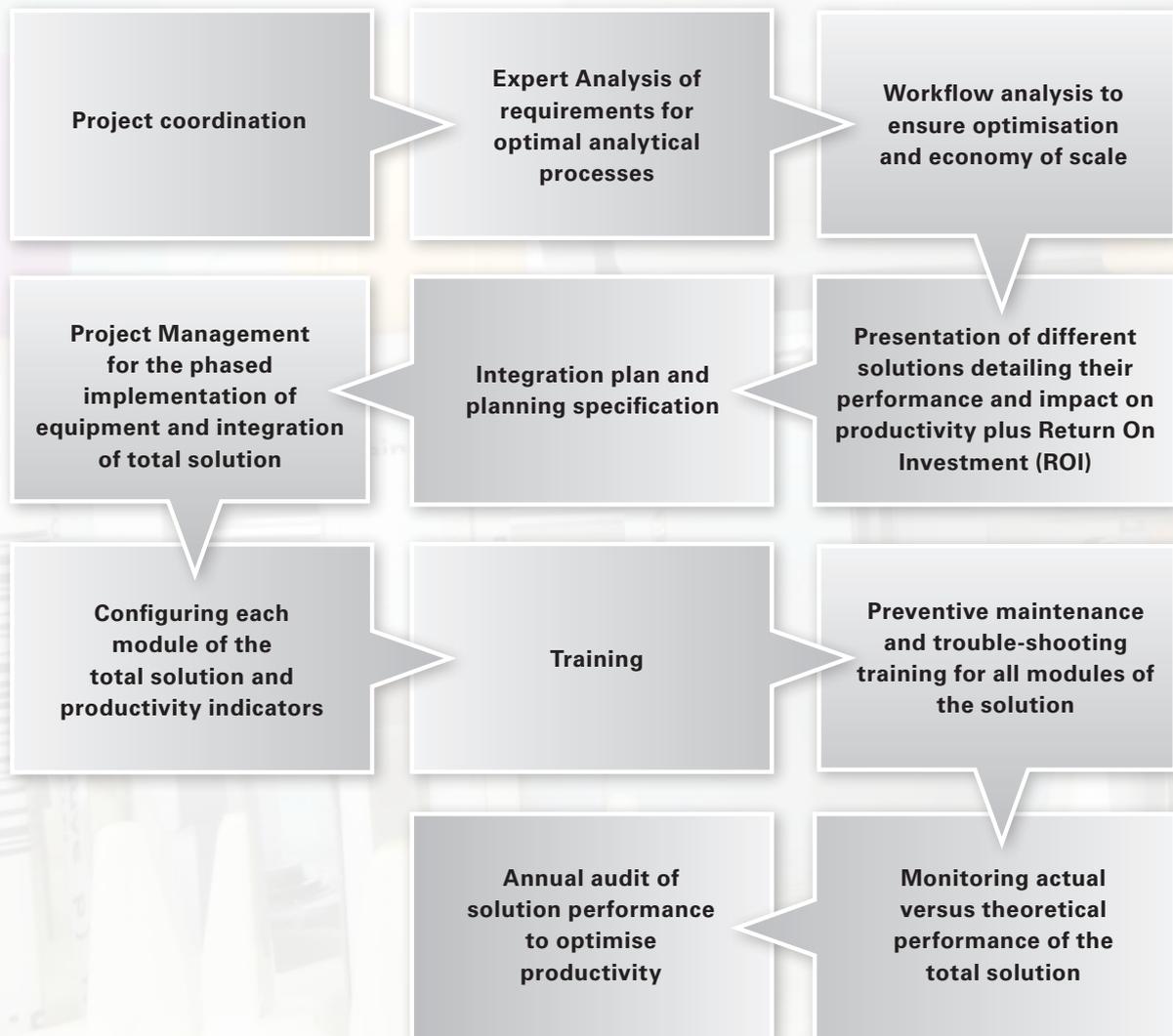
TOSOH BIOSCIENCE

Now you are free to choose **performance**.

SIMPLE
OPEN
SCALABLE

EVOLINE™ **offers a service** which allows you to achieve productivity, quality, performance, with greater economy.

EVOLINE™ supports you from the concept of the design to the completion of your project and any future developments.



EVOLINE™ Manager, our data management, standardises the analytical processes performed throughout your multi-site departments, to give you **simplicity**, quality and security

EVOLINE™ MANAGER



PACK & TRACK



SAMPLE TUBE ROUTING



REAL-TIME INDICATORS



PRODUCTIVITY



QUALITY CONTROL



TRACEABILITY



MULTI-SITES



MULTI-DISCIPLINARY
TECHNICAL VALIDATION

The EVOLINE™ Automation option is a multi-sized tube conveying system, allowing connections to various laboratory analysers

Connection compatibility with automated Biochemistry, Immunology, Coagulation and Haematology equipment (full list on request)

- Tosoh AIA-2000 LA
- Tosoh AIA-CL2400
- Tosoh HLC-723G8 LA
- Tosoh HLC-723G11 LA
- Diasys JCA-BM 6010/C



AIA-CL2400LA



AIA-2000 LA



HLC-723G8 LA



HLC-723G11 LA



JCA-BM 6010/C

The
EVOLINE™
automation
option has
modules from
pre- through to
post-analysis



ES/ Flex (Input/Output)

Tube loading module which, after reading the bar code label, routes the sample, via the conveyers, to required modules / analysers. Allows for advanced sorting pre and post-analysis.



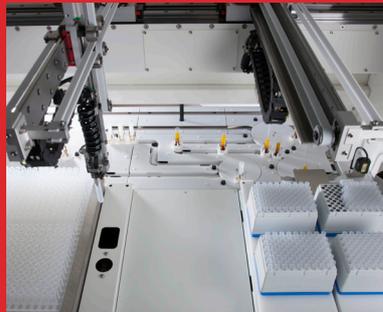
Centrifuge

Automated management of rack balancing. Immediate start option for urgent samples.



Decapper

Removes screw or pull caps, if required, from different sized tubes.



Aliquoter

Aliquots samples into secondary tube and barcode labels with full patient demographics. Uses disposable tips and has level and clot detection.



Recapper

Using universal conical-shaped caps, can re-stopper various diameter tubes and secondary aliquoted tubes.



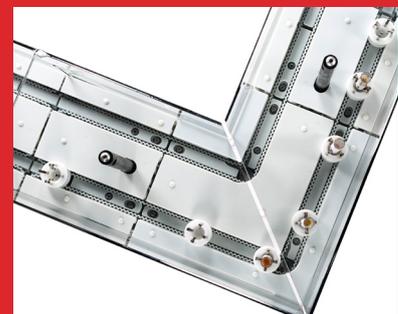
Refrigerated storage module

Different storage time profiles can be programmed with automatic removal of tubes after expiry time. Automatic recall of tubes for reflex / repeat testing.



Multi-tube carrier

Identified by an RFID (Radio Frequency Identification) chip allowing for transportation of the sample tube to required modules/analysers. Gives real time traceability and monitoring of samples on board the system.



Conveyors

5 different shapes and 6 different lengths ensures optimisation of space requirements. Enables transportation of sample tubes to modules / analysers.

EVOLINE™ is a **scalable solution** which offers you the power to automate all the stages of primary sample processing depending upon your requirements.

The EVOLINE™ solution allows you to realise your current requirements and offers the flexibility to increase your analytical structure whilst maintaining economy of scale.

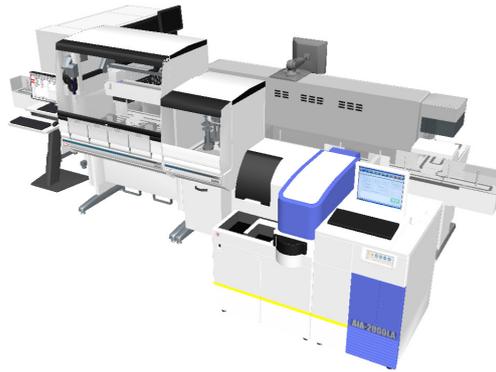
Around 500 samples/day

Ideal for the multi-site management of analytical processes and multi-disciplinary clinical validation using the expert validation rules. It will connect your departments and standardise processes whilst allowing you to tailor your analytical options for future requirements.



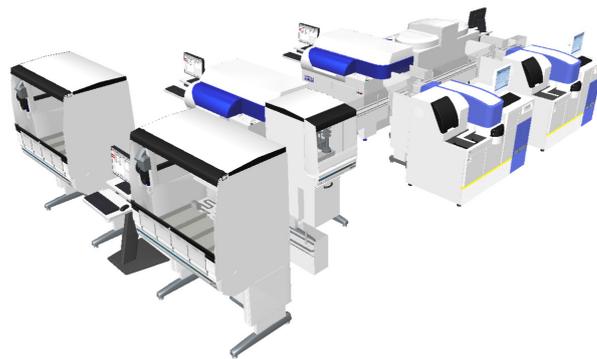
Around 800 samples/day

First steps towards consolidation and automation: manual tasks can be automated to achieve economy of scale whilst maintaining your multi-site analytical expertise



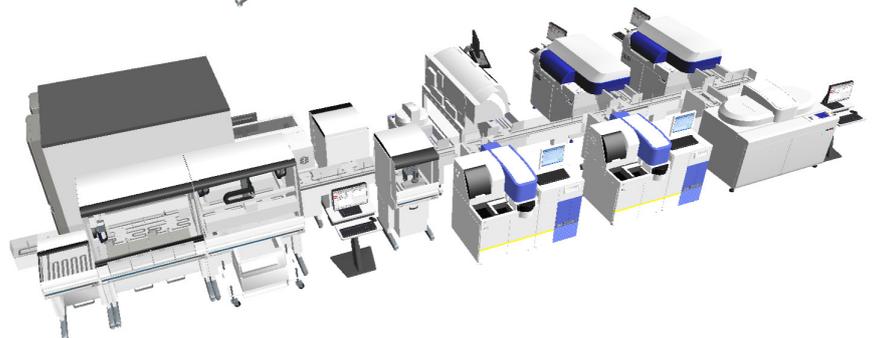
Around 1000 samples/day

Adapt your solution to your growing requirements. Increase your productivity with the knowledge and security that you are preserving your analytical expertise across all sites.



Around 1500 or more samples/day

Complete automation to optimise productivity with the various Evoline™ modules available. Sample tubes are managed from the time they are placed on Evoline™ for analysis, repeat / additional testing, storage and disposal. Economy of scale with minimal outlay.





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