Freedom EVOware®

The driving force behind
your automated applications

The driving force behind your automated applications

Freedom EVOware application software

Cell Biology Solutions

Cell Biology – Tecan provides the tools to automate cell culturing, including powerful software to schedule cell expansion, reduce measured data and pick your best cell clones. Devices for tasks like transfection or high content reading can also easily be integrated.
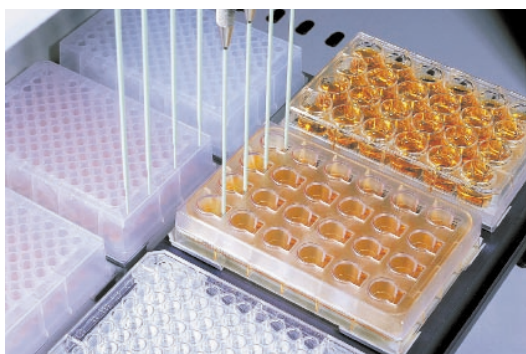

Genomics

Genomics – Freedom EVOware supports many applications in genomics, including PCR set-up and SNP assays. Drivers for devices such as the Te-Vacs™, Te-Mags™ and centrifuges allow nucleic acid extraction to be automated and the Normalization Wizard automates quantitation and normalization of DNA

ELISA Solutions

ELISA – Tecan provides the tools needed to automate enzyme-based assays. Plate layouts are easily defined and incubators, washers and readers can be integrated as needed. The scheduler plans your run optimally within the time constraints.

ADMET Solutions

ADMET – Freedom EVOware's flexibility makes it well-suited for a wide variety of existing and newly-developed ADMET procedures. Novel methods can also be easily integrated through the use of third party device drivers and the scheduler helps to scale up testing.
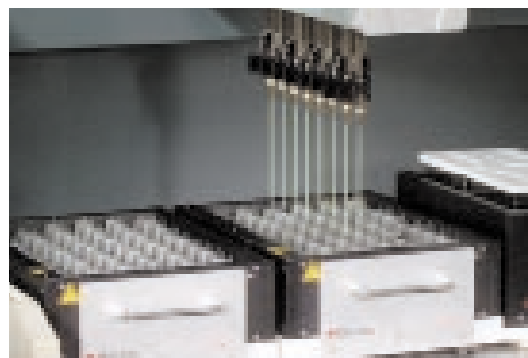
Compound Management and Screening – Compound management applications, such as dissolution and aliquoting, are easily automated with Freedom EVOware. An interface to REMP's Sample Management software also allows tracking of samples between storage and robotic platforms and the automation of replication and reformatting tasks .
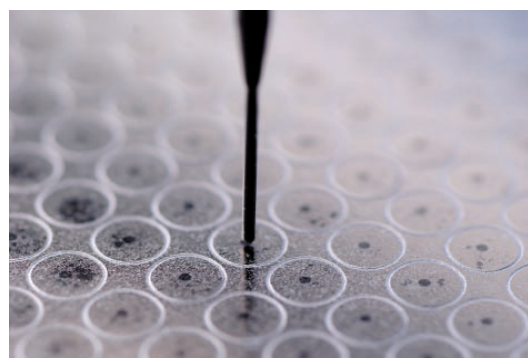

HTS and Secondary Screening

ISH, FISH and ICH – Processing large numbers of cells or tissue samples is time-consuming and laborious. Automating *in situ* hybridization steps using GenePaint increases your walk-away time. Freedom EVOware helps ensure that the timings of the incubation steps are reproducible and consistent.

ISH, FISH and ICH

Analytics and Mass Spectrometry – The Tecan Freedom EVO®, powered by Freedom EVOware, enables reliable and consistent processing for front-end mass spectrometry sample preparation, as well as offering the precision required for MALDI plate spotting.

Analytics and Mass Spectrometry

Automated Parallel Chromotography – Standardized chromatographic tests can be applied to compare a range of parameters in parallel, in the shortest time frame possible. The system offers a powerful new tool for fully automated high throughput process development and sample conditioning, by enabling users to use valid chromatographic conditions without using sophisticated LC systems.

Automated Parallel Chromotography

The power is in your hands with Freedom EVOware application software

Freedom EVOware lets you easily implement methods with an intuitive drag-and-drop graphical user interface. Built-in sample tracking, audit trails and user access control helps you to ensure process integrity. The optional dynamic scheduler optimizes your throughput for varying workloads, while still ensuring consistent processing. Automated plate and tip handling increases walk-away time and system storage capacity. The open architecture lets you add hardware and software elements as needed for expanded functionality, thus protecting your investment.

Process Security

You can be sure you know what's happening to your samples with Freedom EVOware's process security features. The built-in sample tracking module tracks and reports on samples for simplified LIMS integration and password protection, audit trails and checksums help to detect and prevent unauthorized access. Freedom EVOware also allows you to reduce the risk of cross contamination with Safe Pathways and detect pipetting errors with optional pressure monitored pipetting.

Extensibility

Freedom EVOware's open architecture allows you to expand the system as your needs grow. Add application-specific functionality with wizards for normalization, hit-picking, protein crystallography and sample distribution, or choose from a wide range of third party device drivers. The optional Freedom EVOware Developer Studio allows software developers to control EVOware remotely and to develop device drivers themselves.

Dynamic Scheduling

The dynamic scheduling of Freedom EVOware plans your run to achieve optimal throughput and ensure that time constraints are never compromised. It continuously optimizes the schedule throughout a run to efficiently achieve the shortest possible run time.

Labware Logistics

Freedom EVOware makes optimal use of your valuable laboratory space. The software can handle tubes, microplates and almost any other type of labware on the worktable. Movable objects, like microplates or tip racks, can be placed within the instrument or in external devices like carousels or stackers. Every action is controlled directly by the system software – Freedom EVOware.

Recovery

Did something unexpected happen during your run?

Was the run aborted or did you have to stop it?

No matter what the reason, Freedom EVOware will continue your run from where it stopped, which otherwise would have been lost. The recovery wizard helps you to resume your run safely.

User Management

Powerful Freedom EVOware user management protects your system, preventing any unauthorized access. The user management requires any user to authenticate herself/himself at every start of the software, or whenever the active user chooses to log-out. It also prevents physical access to the instrument by requiring authentication before allowing the door to be opened during a run.

These are just a few of the powerful features available with Freedom EVOware application software.

Are you interested to find out more about the wide application range of Freedom EVOware?

Would you like to learn more about the recent updates?

Then have a look at our website: www.tecan.com/freedomevoware

Computer requirements

Minimum
3 GHz Intel® Pentium® 4 or AMD Athlon™
1 GB RAM
2 USB ports (for Freedom EVO and dongle)
SVGA monitor 1024 x 768 pixels and 32768 colors
CD-ROM
Mouse

Recommended
2.33 GHz dual core or multi-processor system
2 GB RAM
SVGA 1280 x 1024 pixels or more

Operating system
Microsoft® Windows® XP SP3
Microsoft® Windows® Vista SP1

www.tecan.com/freedomevoware

Austria +43 62 46 89 33 **Belgium** +32 15 42 13 19 **China** +86 10 5869 5936 **France** +33 4 72 76 04 80 **Germany** +49 79 51 94 170
Italy +39 02 92 44 790 **Japan** +81 44 556 73 11 **Netherlands** +31 18 34 48 174 **Portugal** +351 21 000 82 16 **Singapore** +65 644 41 886
Spain +34 93 490 01 74 **Sweden** +46 31 75 44 000 **Switzerland** +41 44 922 89 22 **UK** +44 118 9300 300 **USA** +1 919 361 5200
Other countries +41 44 922 8125

www.tecan.com

392 957 V2.0, 01-2009

ISO 9001
2000
REGISTERED
Quality Management System