

Automated positive pressure SPE workstation

High throughput solid phase extraction

How much time do you spend on manual solid phase extraction for LC-MS sample preparation?

Tecan's compact Freedom EVO® positive pressure SPE workstation processes up to eight samples in parallel with industry-standard 1, 3 and 6 ml SPE cartridges. You can select from single or double carrier configurations with inserts that accommodate 72 x 1 ml, 40 x 3 ml or 32 x 6 ml cartridges, allowing you to preload up to 144 cartridges per run.

Easily transfer your manual methods to the Freedom EVO positive pressure SPE workstation, reducing overall solvent consumption and the operator's exposure to hazardous solvents, compared to manual processing. In addition, the intuitive TouchTools™ graphical user interface allows assays to be run with minimal user training.

Benefits

High throughput

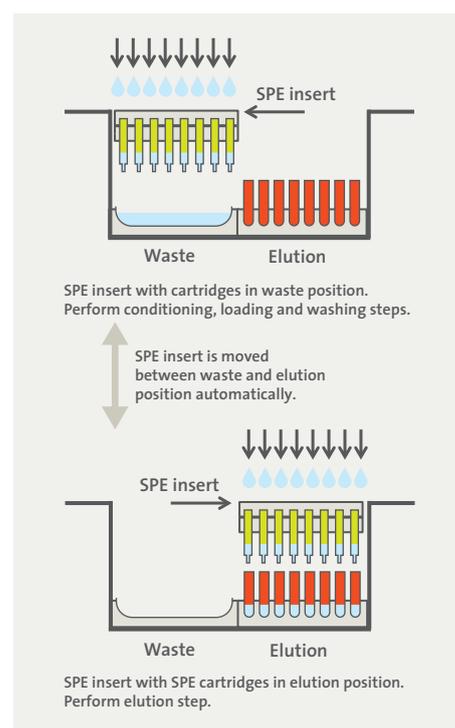
Process eight samples in parallel and up to 384 samples in eight hours.

Process security

Barcode reading and sample tracking enables you to follow your samples from start to finish.

Graphical user interface

A simple 'click and run' software for instrument operation.



Positive Pressure SPE carrier Working Principle

The Freedom EVO® positive pressure SPE workstation includes:

- 1 Freedom EVO 100
- 2 Eight-channel Liquid Handling Arm
- 3 Trough carriers for reagents
- 4 Tube racks for samples
- 5 1 or 2 SPE carriers, each with:
 - inserts for 1, 3 or 6 ml SPE cartridges
 - elution blocks for 12 x 75 mm (5 ml) tubes or HPLC vials
- 6 Computer with touchscreen monitor
 - Freedom EVOware® Standard software
 - TouchTools software



Optional configurations include:

1. PosID™ integrated barcode scanner for sample tubes
2. Dust cover for Freedom EVO to contain hazardous solvent fumes
3. Four disposable tip cones combined with four fixed tips, enabling sample transfer with disposable tips

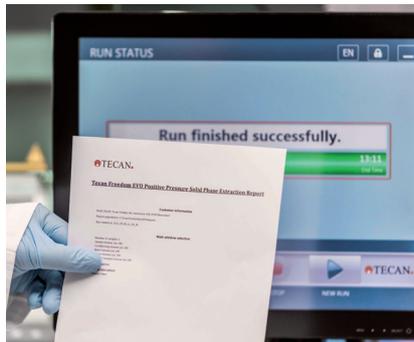
Productivity

Parallel processing of eight samples at a time plus preloading of up to 72 samples per SPEcarrier allows long unattended runs, processing up to 348 samples in an eight hourperiod.



Compliance and documentation

Optional barcode reading allows you to track your samples through the entire process for accurate sample accessioning. Sample tracking, log files and custom reports provide a complete audit trail.



Simplicity of operation

The TouchTools graphical user interface guides the user through the process with clear visual instructions for loading the worktable. Status screens keep you informed at all times.



Tecan – Who we are

Tecan (www.tecan.com) is a leading global provider of laboratory instruments and solutions in biopharmaceuticals, forensics and clinical diagnostics. The company specializes in the development, production and distribution of automated workflow solutions for laboratories in the life sciences sector. Its clients include pharmaceutical and biotechnology companies, university research departments, forensic and diagnostic laboratories. As an original equipment manufacturer (OEM), Tecan is also a leader in developing and manufacturing OEM instruments and components that are then distributed by partner companies. Founded in Switzerland in 1980, the company has manufacturing, research and development sites in both Europe and North America and maintains a sales and service network in 52 countries.

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