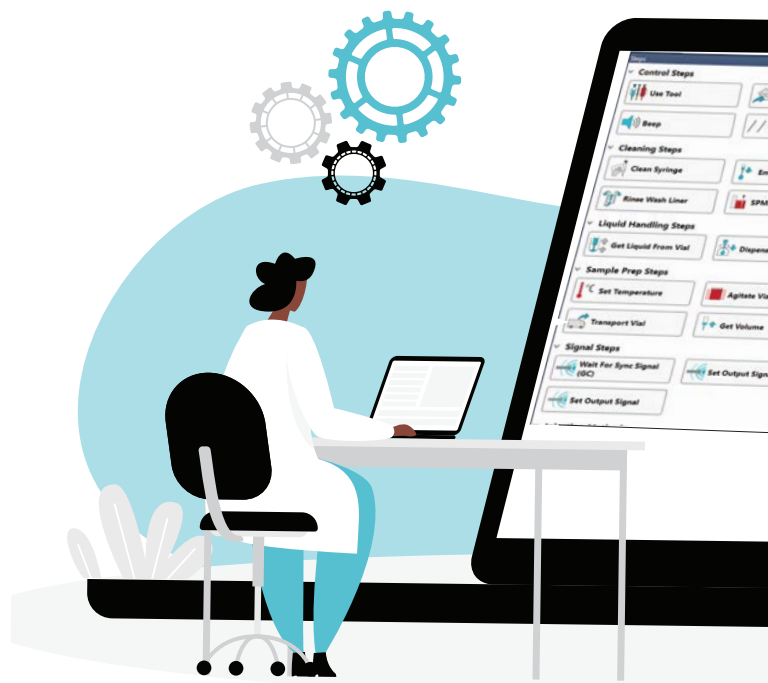
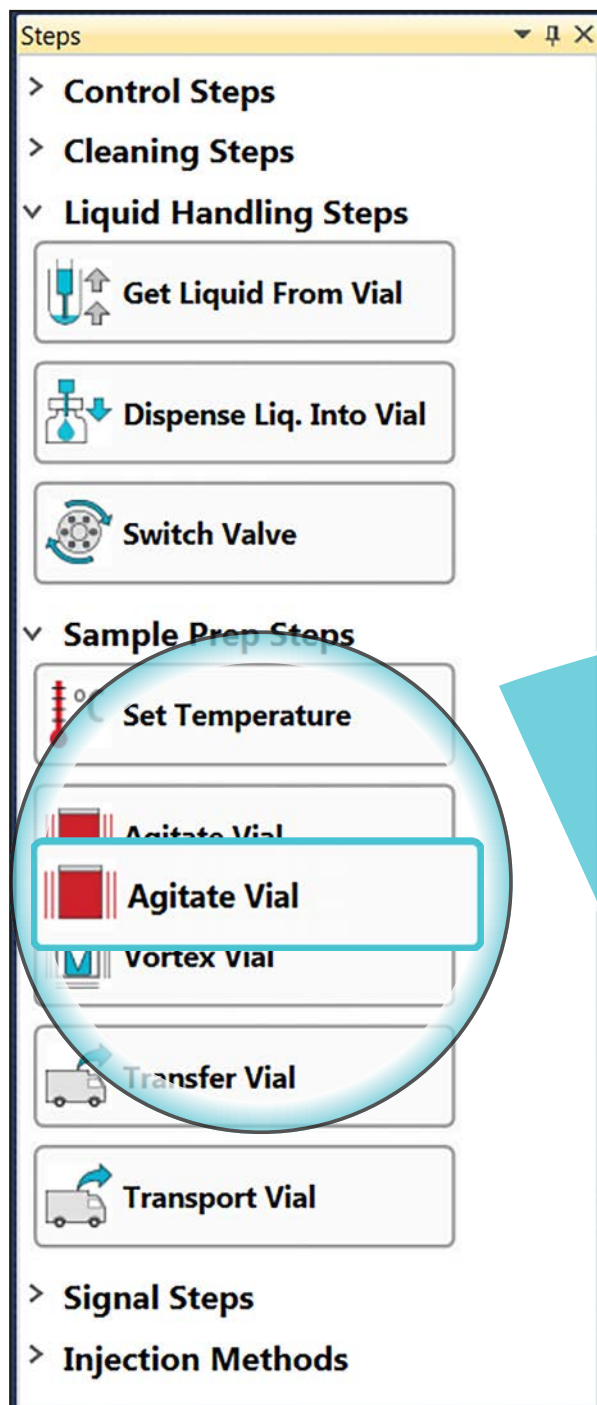




## PAL Method Composer Methods in Minutes



## From Steps...



**PAL Method Composer lets you easily create new methods.**

It offers users direct access to all the PAL3 System's capabilities. Methods are easily and intuitively created from the steps available by "Drag&Drop". Each method consists of one or several steps performing certain tasks. The sequence of all steps constitutes the method.

Completed methods are imported and directly used in the particular CDS or MS-Data System for running the PAL3 System as part of a LC/MS or GC/MS system.















# Removing Stumbling Blocks in Automated Sample Preparation

...to Methods within minutes.



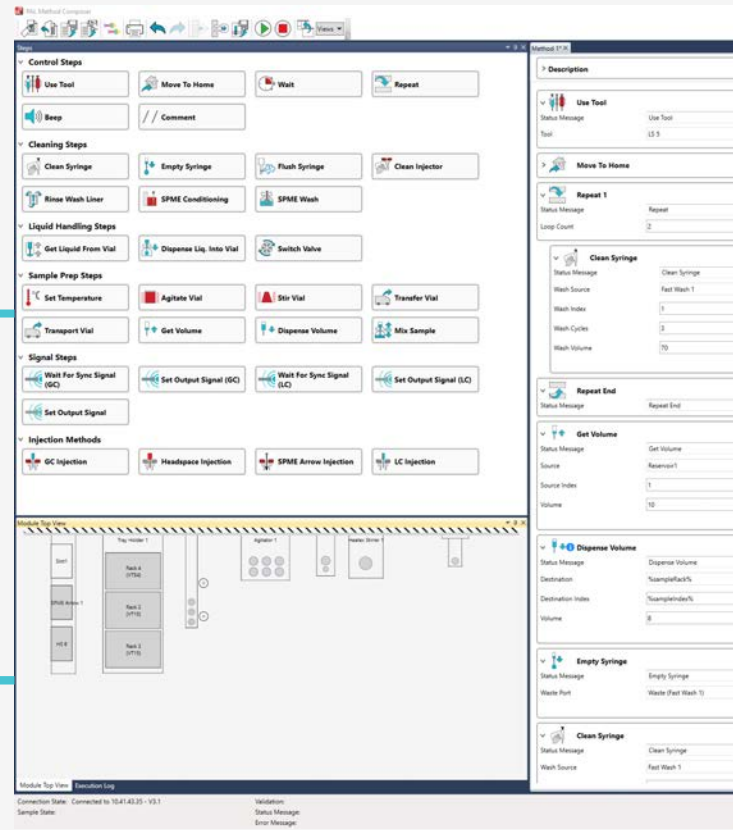
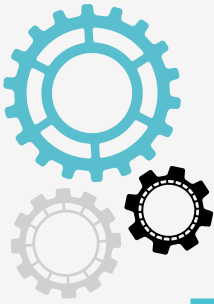
Derivatization\* X

> Description

>  Use Tool	X
>  Clean Syringe	X
>  Clean Syringe	X
>  Get Liquid From Vial	X
>  Dispense Liq. Into Vial	X
>  Empty Syringe	X
>  Clean Syringe	X
>  Clean Syringe	X
>  Transport Vial	X
>  Set Temperature	X
>  Wait	X
>  Agitate Vial	X
>  Transport Vial Home	X
>  Liquid Injection	X

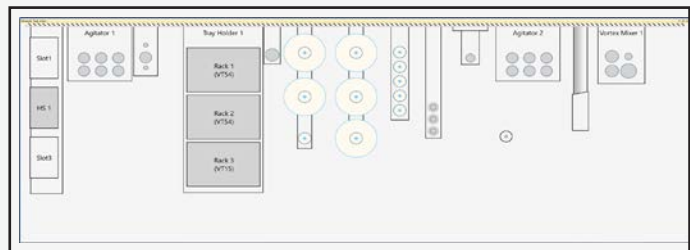
Agitate Vial

# Keep an eye on all necessary information -



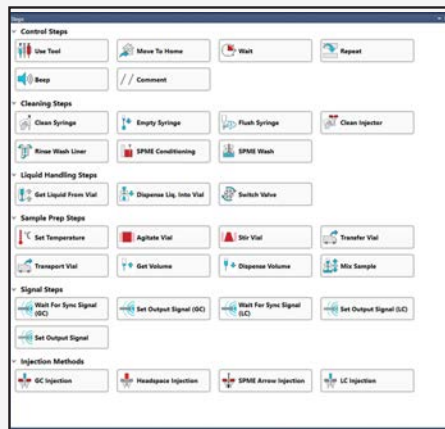
Module top view pane

It shows the real configuration of all active and passive PAL modules.

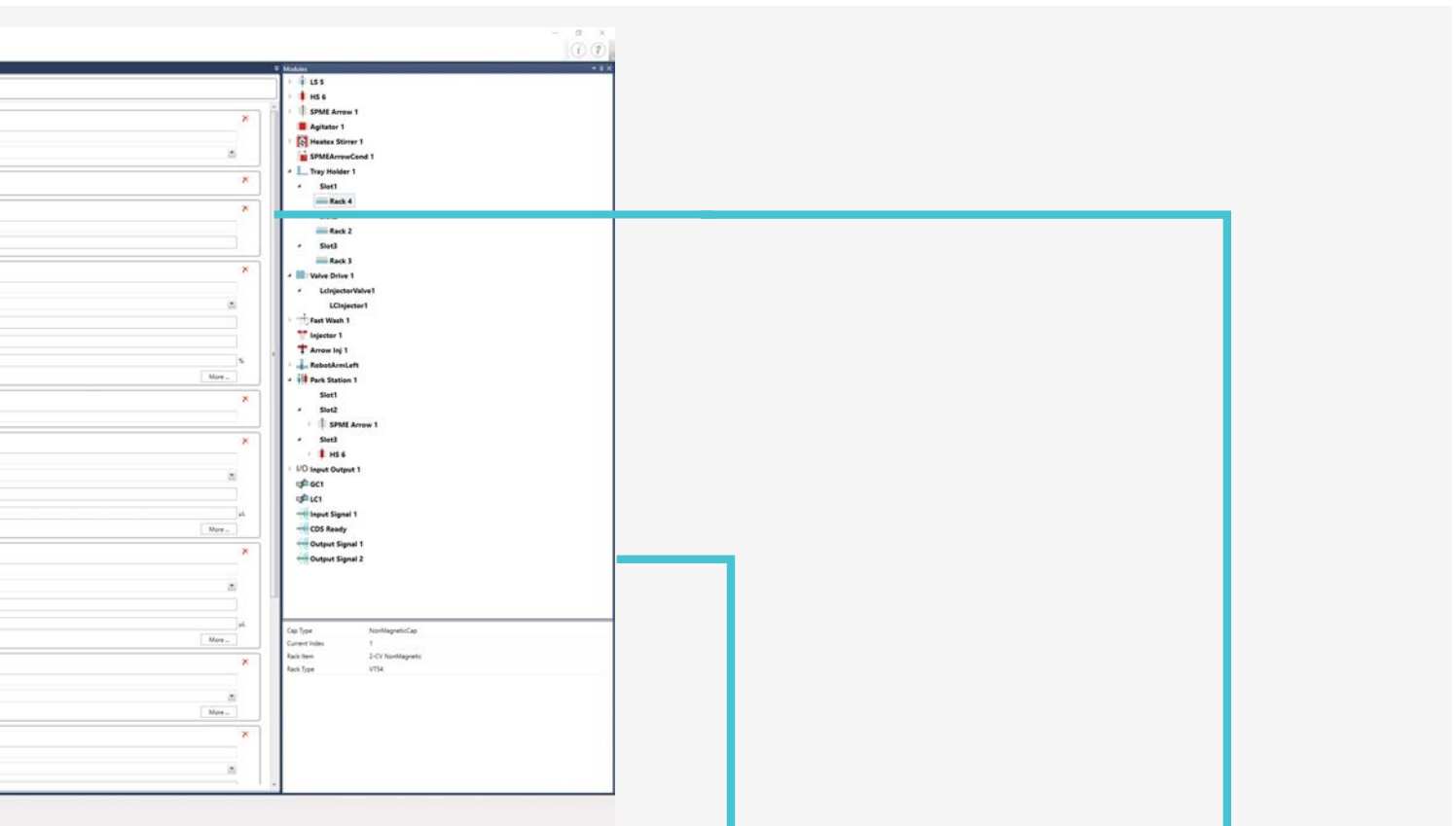


Steps pane

It shows six categories of steps that can be dragged and dropped into the method pane.

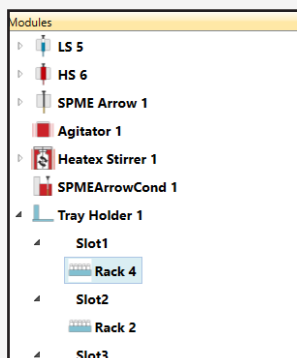


# with your personal view.



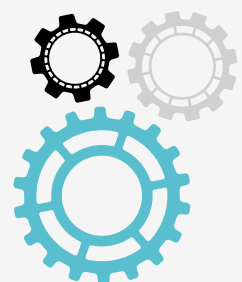
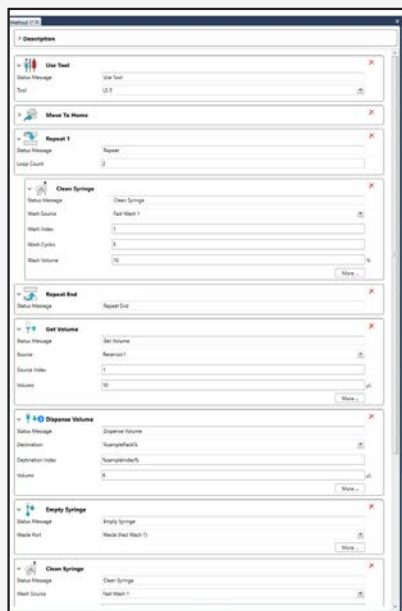
## Modules pane

It shows all modules and tools available in the configuration of the connected PAL System.



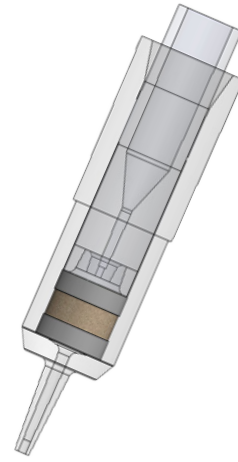
## Method pane



















It shows the sequence of steps. Each step can be moved to another position within the method using drag and drop. The parameters for each step can be adjusted.



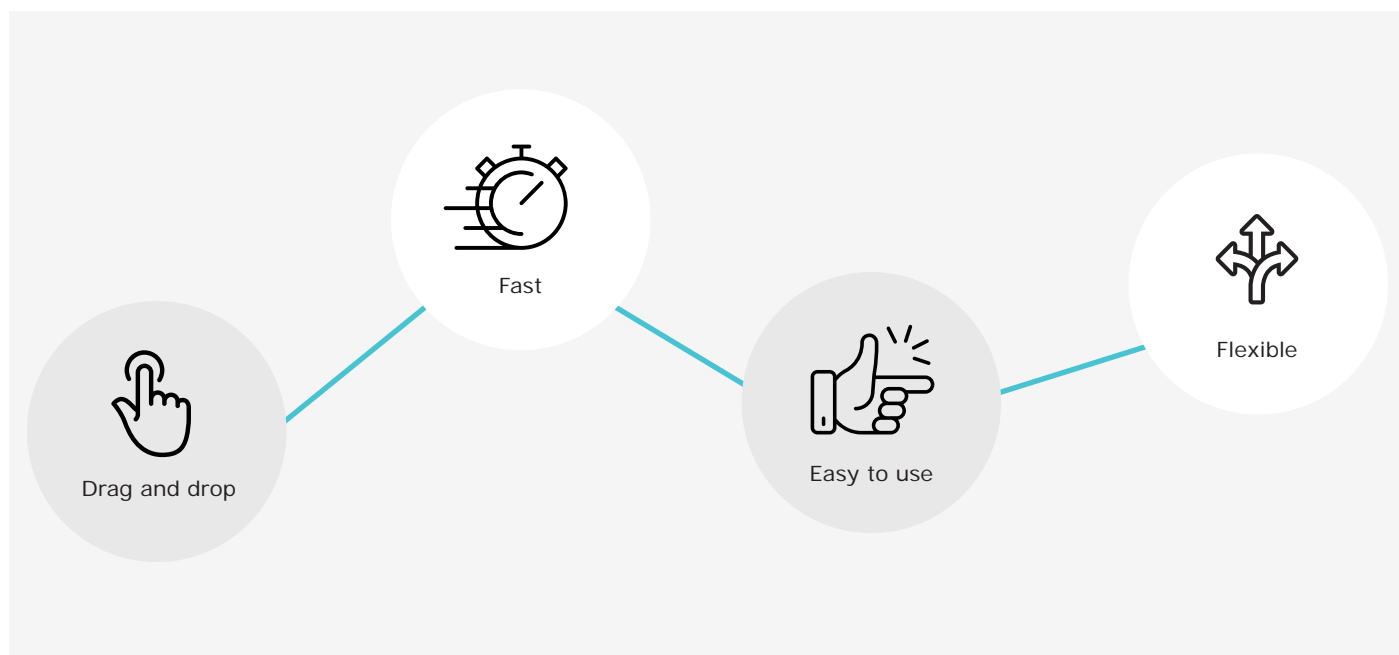
## Support for $\mu$ SPE workflows

The new version of the PMC supports  $\mu$ SPE workflows. Additional  $\mu$ SPE and supporting steps have been added. The new steps include rinsing, blowing, mixing and preparing of  $\mu$ SPE Cartridges.



uSPE Enrichment Generic V03.4.2* X		
> Description		
>  Use Tool		X
>  Clean Syringe		X
>   $\mu$ SPE Prep		X
>   $\mu$ SPE Prep		X
>  Clean Syringe		X
>   $\mu$ SPE Prep		X
>  Clean Syringe		X
>   $\mu$ SPE Elute		X
>   $\mu$ SPE Blow Out		X
>   Mix Sample		X
>  Clean Syringe		X
>  Use Tool		X

The PAL Method Composer (PMC) is an intuitive software that offers direct access to all the PAL System's capabilities. By simply dragging and dropping the individual prep steps, this user-friendly interface allows you to quickly develop and test customized methods which can then be imported and used directly in a wide list of Chromatographic Data Systems (CDS) or MS-Data Systems.



### PMC currently supports the following CDS and MS-Data Systems:

- Agilent: ChemStation / MassHunter / OpenLAB
- Bruker: Compass HyStar
- SCIEX: Analyst AAO and ADD
- Shimadzu: GCMSsolution Software / LabSolutions
- Thermo: Xcalibur / Chromeleon / TraceFinder
- Waters: Empower 3

### Further features of the PMC include:

- Easy adaption of methods for transfer between different PAL Systems
- More flexibility using tokens (variables for values that change with any sample in the sequence table e.g., sample volume, sample position)
- Coming soon: SCIEX OS

[Download your free trial version and create new methods in minutes](#)





Contact the experts for sample preparation:



Or find your nearest value added reseller:

For more information on the PAL System, including the latest application notes visit:

[www.palsystem.com](http://www.palsystem.com)

