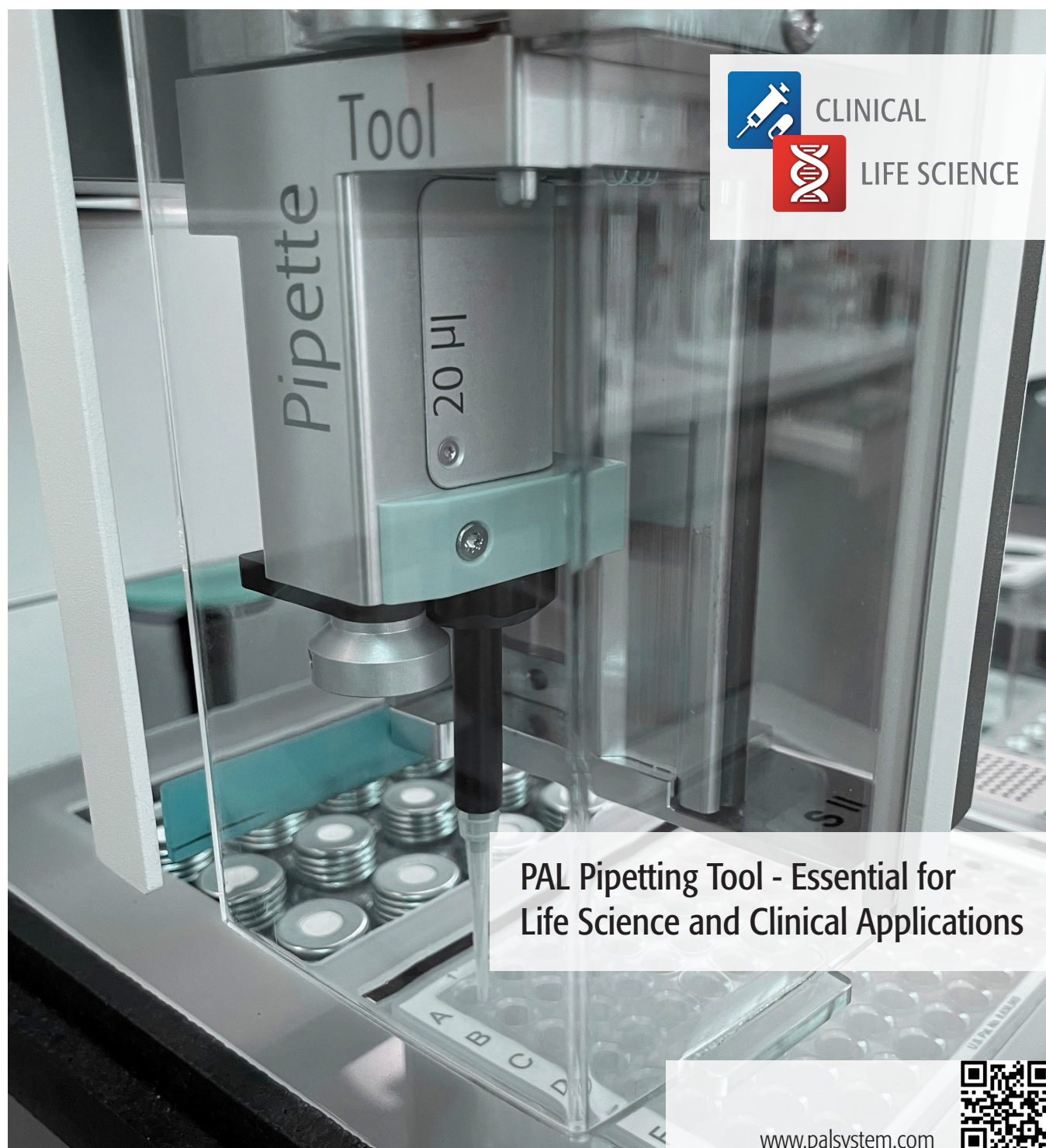


New Arrival: 20 μ L Pipetting Tool



CLINICAL



LIFE SCIENCE

**PAL Pipetting Tool - Essential for
Life Science and Clinical Applications**



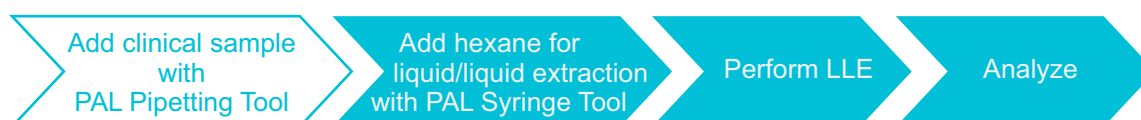
PAL Pipetting Tool – Essential for sample preparation

Pipetting liquids with tips is a common practice in life science applications. Here the most important feature is probably the fact that carryover is zero by design because the used tip is discarded after every sample transfer. Moreover, functionalized tips (e.g. for desalting or protein capture) allow for effective sample work-up.

The new PAL Pipetting Tool significantly enhances the PAL System sample prep platform. In combination with the complete range of tools and modules the PAL Pipetting Tool facilitates seamless lab workflows, especially in combination with the PAL Decapper:



Only the PAL RTC can switch automatically between pipettes and positive displacement syringes. Pipettes are free from carryover by design. Chemically inert glass syringes are best when highest accuracy and compatibility with organic solvents is required.



Application areas:

- Serial dilutions
- Micro SPE in a tip
- Protein digestion in a tip
- Reformatting of samples
- Magnetic bead applications

Highlights:

- Carryover free sample handling
- Complete workflows in combination with PAL Tool and Modules
- Direct injection from the Pipetting Tool into HPLC valves
- Control through many Chromatographic Data Systems
- Tested PAL Consumables like pipetting tips enhance the performance further

Technical data:

Volume ranges of the 3 Pipette Tools:

0-20 µL	PAL3-TH-Pip20
0-200 µL	PAL3-TH-Pip200
0-1000 µL	PAL3-TH-Pip1000

Corresponding tips:

0-20 µL	PAL3-PipTip-20
0-200 µL	PAL3-PipTip-200
0-1000 µL	PAL3-PipTip-1000

PAL3 Firmware:

2.4.x or later required

