

# PAL3

Two Year Warranty from LEAP • No Bungee Cords • 2D Barcode Reader • Higher Capacity

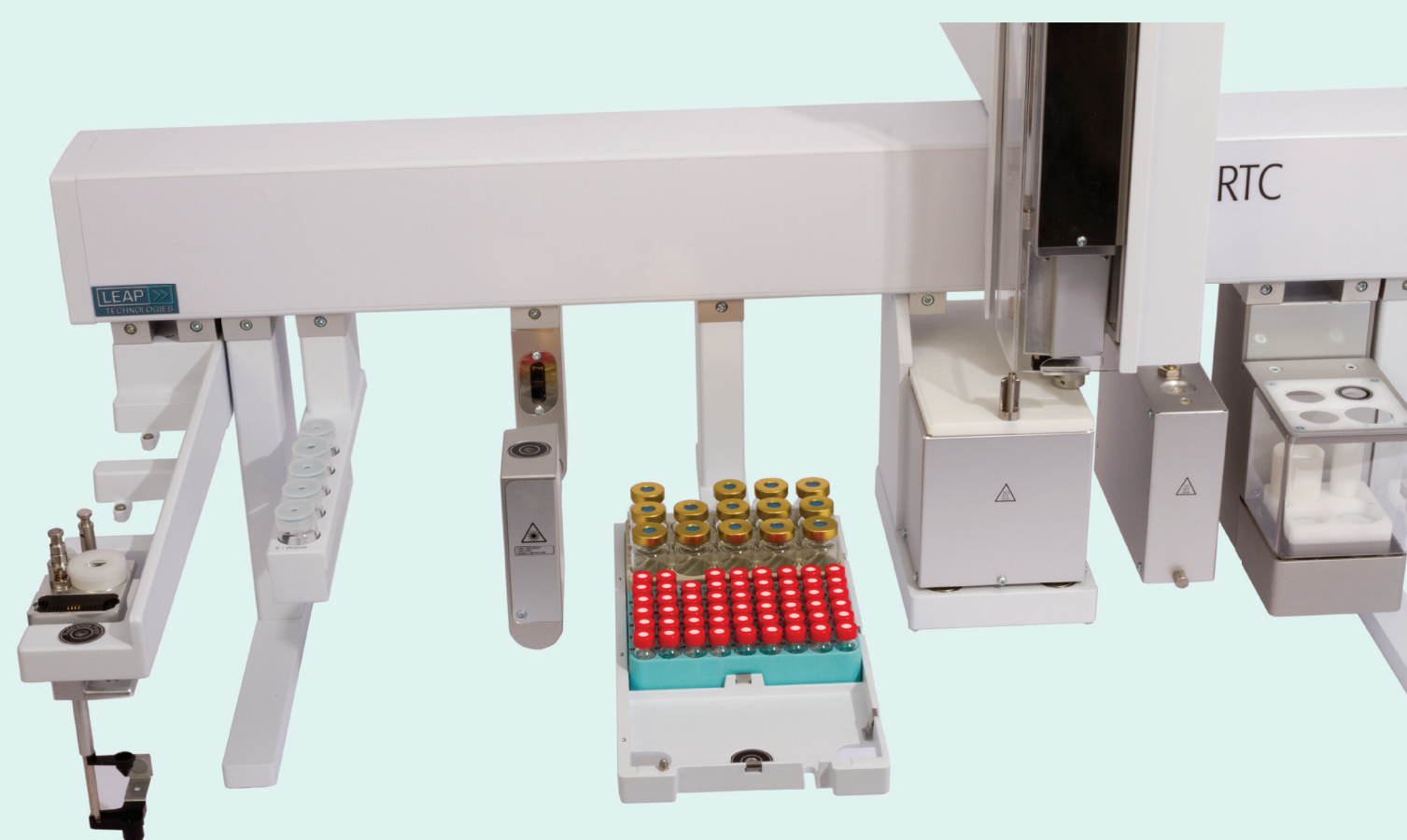
**RTC Robotic Tool Changer Sample Loader**  
Sample Prep Automation, Push-Button Operation

**RSI Robotic Sample Injector Frontend Automation**  
High Capacity, High Productivity

## **LEAP's PAL Sample Control Software**

- controls many setups, methods
- integrates with most chromatography & mass spec data systems
- high efficiency sample prep
- scheduling software is standard
  - overlapped -looking-ahead sample prep and inject

or - **Chronos Software**



## **PAL3 for GC**

- unattended method and syringe change
- liquid injection - headspace extraction
- SPME
- 2D barcode reader
- cold needle inject
- liquid / liquid extractions
- sample prep

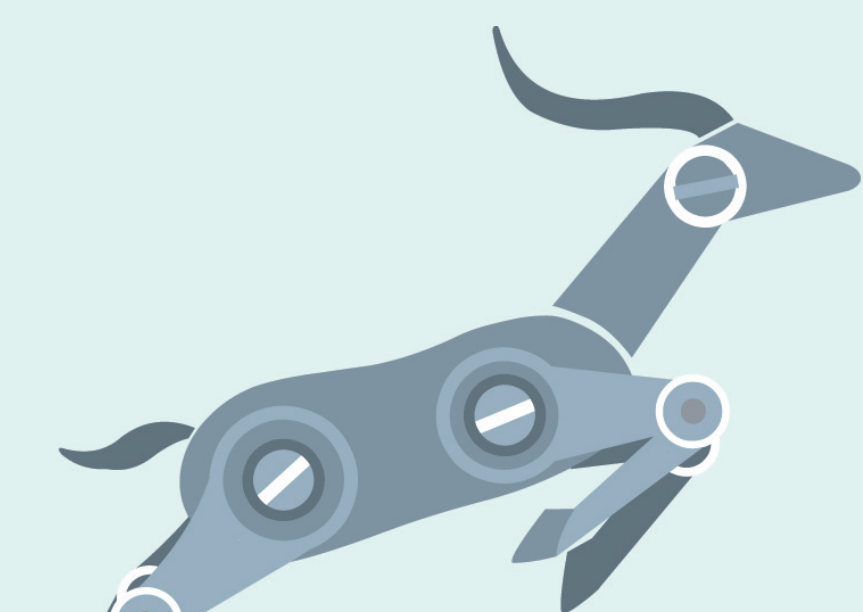
## **PAL3 for LC and Work Stations**

- many sample prep steps possible
  - dilution, reactions, filtration, reformatting
  - from test tubes to 1536 well plates
- different syringe sizes and types
- high speed vortexer
- 2D barcode reader
- liquid / liquid extractions
- sample prep
- multi-valve capability
- ITSP sample prep
- low-to-no carryover



## **Gazelle18 UHPLC Pump/PAL-Bundle**

Replace out-dated unreliable LC Front Ends  
Optimizes LC-MS productivity, solvent bottles to column heater. The pump has broadest range of pressure and flow rate in the industry. One driver controls two binary pumps.  
Chronos Software and Analyst™ Datasystem.



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