



# PAL Workstation Tailored to your application



#### Versatile and affordable With the proven PAL quality

- Workstations for specific workflows
- Shipped "ready out of the box" .
- Methods included
- Offline or online sample prep to LC- and GCsystems
- Drag & Drop Software to create new or modify existing workflows
- Driver for many Chromatographic Data Systems available
  - Agilent OpenLab & Masshunter ™
  - Bruker Hystar ™ Sciex Analyst ™ .

  - Shimadzu GCMSolution ™
  - Thermo Scientific Xcalibur & Chromeleon ™
  - Waters Masslynx & Empower ™
- Only 60 cm x 80 cm / 24 in x 32 in footprint



### 60 cm / 24 in



### What we offer to OEM partners

- Platform and toolbox for sample prep and liquid handling
- ✓ Open XYZ and enclosed versions of platform available
- Robust and reliable technology, Swiss product quality
- Hardware developed & produced under ISO 9001 / ISO 13485 / IVD ready
- ✓ OEM specific development and customization

- OEM specific application and method development & support
- Support for software integration into data systems
- Training and know howtransfer and technical support
- Support for market launch (content writing, sales training)
- ✓ Supply chain support

### Toolbox for the Workstation Meets sample prep requirements

- Robotic Tool Change, up to 3 tools always ready
- Liquid Tools 1 μL-10 mL Positive displacement syringes & pipette tools 20, 200,1000 μL
- Solvent storage in mL-L scale
- Sample storage for vials 2, 10, 20 mL, up to 10 MTPs, Ambient or temperature-controlled 4-40°C
- Heating/shaking for MTPs and vials 2, 10, 20 mL incubation & derivatization
- Centrifuges with up to 5000 RCF
- µSPE (Solid Phase Extraction)
- Barcode Scanner
- Gripper Tool for pick and place applications

#### Metabolomics Workstation Reproducibility is key to successful studies





### Everything it needs in the most compact space Metabolomics Workstation



## Dilution Workstation

#### Automated generation of calibration standards

Automated workflow 1 using 10 mL flasks



#### Automated workflow 2 using 2 mL vials



#### Everything it needs in the most compact space Dilution Workstation









For more information please contact us at:

www.palsystem.com



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