

# SAMPLIFY Application



## Automated Derivatization



### Applications

#### Derivatization

Whole derivatization processes can be realized:

- Time controlled
- Heating and Mixing
- Adding of solvents & reagents

#### Sample Aliquoting

As well as diluting of samples.

#### Heating and Mixing

The thermo-shaker provides optimized mixing within simultaneous heating.

### Features & Benefits

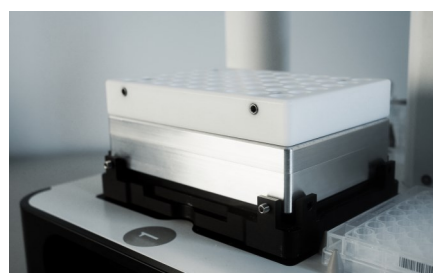
This System Configuration was especially prepared for automating derivatization processes. This includes diluting of samples, transferring of sample aliquots, dosage of liquids, addition of reagents as well as simultaneous heating and mixing.

This is provided by our Liquid- Handling Robot SAMPLIFY P with an integrated thermo-shaker which was optimized for automation.

The process control can be realized easily by creating workflows in excel files. In this way, also parameters can be set individually for every single process step.

### Parameter

- Rack types & Position
- Number of Samples
- Predosage volume for targets (ml)
- Transfer volume (ml)
- Syringe speed rate (ml/sec)
- Z-Axis Needle depth (mm)



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