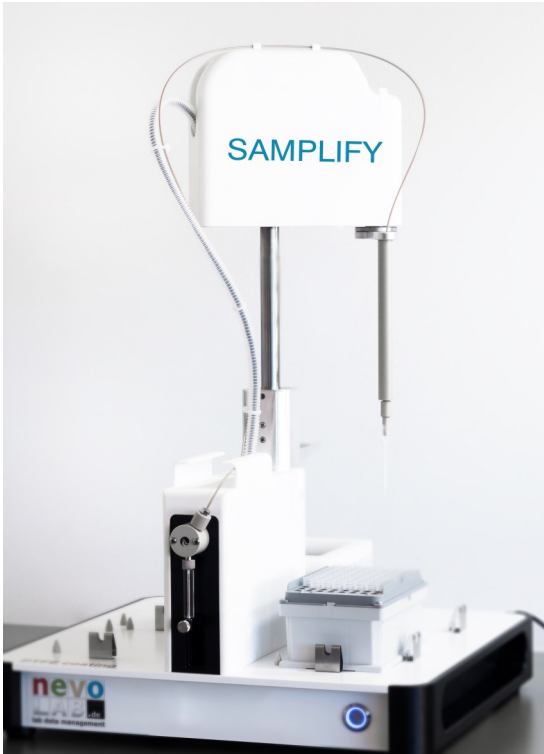


# SAMPLIFY P



## Key Features

### Specialized on low volumes

- Working with small cavities e.g. MTP 96 and MTP 384
- Dosage of low volumes by using pipet tips

### Customized liquid handling

We provide a number of various adapters for

- Tips in different sizes
- Needles with different tips, sizes and functions
- Air displacement tips
- Hooks
- Luer filters
- Ready for customizing



### Handling of sensitive samples

The powerful Z- axis allows working with vials closed by a protective septa.

### Precise working methods

- Ensure good repeatability
- Avoiding carryover by working with single use tips
- Precise traceability

## Introduction

Let yourself be inspired by the possibilities of lab automation!

SAMPLIFY P supports you in daily tasks in the range of **liquid handling** - so you can concentrate on your main concerns.

It can be applied flexibly, it's easy to operate and nevertheless economically. In this way, it offers all the advantages of laboratory automation, also to smaller working groups.

To offer you the highest level of flexibility and to avoid disturbing cables, the adjustment is carried out comfortable via a tablet PC and a wireless connection.

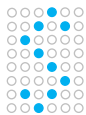
SAMPLIFY P was particularly developed for pipetting and dosing **low volumes**.

It operates precisely and efficiently - like an intelligent manual pipette.

Combine it with **conventional tips**, that are automatically attached and released. You even don't have to convert to new lab equipment. Just use SAMPLIFY P with your **proven labware**.

It can be extended by additional gadgets that can be integrated to suit the SAMPLIFY P on **your requirements**.





# SAMPLIFY P



## SAMPLIFY P

Article number	8044 000
Dimensions, Basis	ca. 375 x 375 x 60 mm (B x H x T)
Dimensions, Scara	ca. 100 x 100 x 450 mm ( r1 x r2 x H)
Material	Aluminium, PTFE coated, PTFE, PP
Weight	ca. 8,7 kg with liquid handling unit
Conditions	15 - 25 °C, dry atmosphere

## Power Supply

Power Supply Input	Input 100-240 VAC 50/60 Hz
Power Supply Output	24 V, 3000 mA
Power demand	72 W max.
Current consumption	ca. 1,5 A
Electrical Safety	Integrated shortcut and overvoltage protection

## Control unit

System	Control board with RISC Processor und wireless communication
Fuses	internal, max. input: 2,5 A / 30 V
Interfaces	In: 4 x 24 V Digital Out: 2 x 24 V, potential free, max. 6 A Analog input 0-2 V / 14 bit

## Hardware

Force	Continuous force : > 50 N,
Operating length	190 mm
Precision	0,1 mm
Stroke Z-axis	120 mm
Pumps	Syringe pump (0,5-20 µl) Syringe Pipette pump Micro annular gear pump

## Application

SAMPLIFY P can be used in a wide variety of applications:

- Autosampler system with vials
- Sample preparation for AAS, PCR, ICP, HPLC, GC and NMR analysis
- Dissolution and elution applications
- Derivatisation processes
- Customized purposes

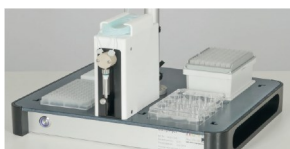
## Accessories

8027 410 - Tablet PC & Docking  
8027 420 001 - nevoLAB Link  
8027 550 001 - Footswitch  
8027 440 002 - RFID-Pen, USB  
8027 450 001 - RFID-Pen, wireless  
8027 460 001 - Barcode Reader  
8044 230 001 - Tubing Kit for Eppendorf tips

1,5 m PTFE Tube 1/16"; PP Fitting & Washer, Connectors for needles

Tube Connector Kits - ready to use

Syringes 50 µl to 12,5 ml with PTFE, HD-PE- or Black PTFE Seal



## nevoLAB GmbH

Am Gehrenbach 8  
D 88167 Maierhöfen  
phone: +49 (0) 8383 929 566 0  
fax: +49 (0) 8383 929 566 30  
email: [info@nevolab.de](mailto:info@nevolab.de)  
[www@nevolab.de](http://www@nevolab.de)