

- L** LABORATORY
- P** PROCESS
- S** SOFTWARE
- A** AUTOMATION



**SCHMIDT
HAENSCH**
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SAMPLIFY P[®]

Autosampler



SPECIFICATIONS

SAMPLIFY P®

Force	Continuous force ≈ 50 N
Operating Length / Stroke Z-axis	190 mm / 120 mm
Precision	0.1 mm
Pumps	Syringe pump (50 ml)
System	Control board with RISC Processor und wireless communication / Remote control via Notebook
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
Power Supply Input / Output	Input 100-240 VAC 50/60 Hz / 24 V, 3000 mA
Power Demand / Current Consumption	72 W max. / ca. 1.5 A
Electrical Safety	Integrated shortcut and overvoltage protection
Vial plate	Tray for 32 (4x8) vials
Sample volume per vial	20 ml, customised volumes possible
Mechanical interface	PTFE tube OD 3.2mm, 1/4"-28UNF screw connection
Accessories	Complete with 50ml syringe, needle, adapter, tubing & needle washing unit
Dimensions, Basis / Scara	ca. 375 x 375 x 60 mm (W x D x H) / 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

Let yourself be inspired by the possibilities of lab automation!

SAMPLIFY P supports your daily workflow of liquid handling and is the perfect add-on for **Schmidt+Haensch** refractometers, density meters and photometers. It offers large flexibility, is easy to operate and economical. In this way, it offers all the advantages of laboratory automation, also to smaller working groups.

- Wireless communication to laptops or tablet
- Automatic cleaning and rinsing cycles
- Freely programmable
- Designed for automatic filling of **Schmidt + Haensch** instruments
- Immediate feedback of measurement values and dat storage
- Particularly developed for pipetting and dosing small volumes
- Setting up a method is accomplished via an Excel® file, which in the end also contains measurements results



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

- Autosampler system with vials
- Dissolution and elution applications
- Customized purposes



Key Features

Customized sample handling

- Parameters like sample volume or number and amount of cleaning solutions adjustable to your application
- Configurable settings depending on sample viscosities
- Perfect coupling to **Schmidt + Haensch** devices: acquisition of measurement parameters, fully programmable automated workflow
- Four customizable sample trays: high volumina and a large number of samples
- Offers adjustbale piping system and different cappillaries

Handling of sensitive samples

- The powerful z-axis allows puncturing protective septa, ensuring highest sample purities and long-term sample stability

High productivity

- High sample throughput
- Different solvents applicable for cleaning processes
- Adjustable cleaning regime, integrated membrane pump for drying the complete fluidic systems



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