

## Peptide Shaker LP180TW

### Description

The LP180TW and LP180TWv are compact twin-peptide shakers designed specifically for applications such as solid-phase peptide synthesis (SPPS) and the agitation of small reaction vessels.

Key feature is the presence of two independently driven shaker arms that can be controlled separately.

### Specifications

- Two independent shaking arms: Each arm is controlled by its own rotary knob. This allows two samples or reaction vessels to be moved simultaneously yet independently of each other.
- Variable shaking motion:  
The swivel angle can be set to 15°, 30°, 45°, 60°, 90°, 120°, or 180°.
- 360° rotation is also possible. Settings are adjusted via a switch on the rear of the unit. This allows the mixing action to be adapted to the resin type, vessel size, or reaction step.
- Adjustable speed: The shaking speed is continuously variable.
- Suitable for small vessels: The device is designed for syringes, Falcon tubes, and other small laboratory vessels; compatible holders are available.

### Applications

- Manual or semi-automated SPPS
- Shaking of reaction syringes
- Resin washing and swelling steps
- Mixing of small reaction batches
- Parallel processing of two independent syntheses or reaction vessels.

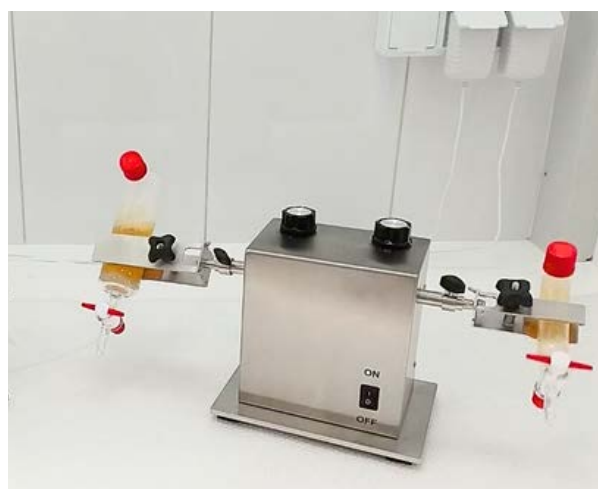


Modell LP180TW with two independent shaking arms

### Model LP180TWv with Vacuum Version

The LP180TWv shaker is designed for workflows involving filtration or aspiration steps.

The model can automatically control a vacuum pump. Depending on the version, an integrated PTFE-coated vacuum pump with a flow rate of approximately 250 ml/min is also available. Caution: Not suitable for low-boiling solvents, as cavitation may occur.



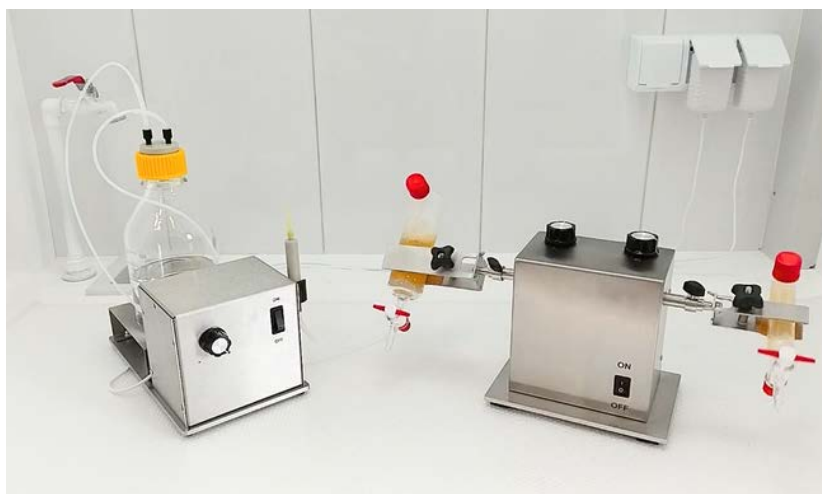
Model LP180TW with clamp for syringes

## Peptide Shaker LP180TW



### Technical Data

Model	LP180TW	LP180TWv
Shaking type	<ul style="list-style-type: none"> <li>Adjustable angle (15, 30, 45, 60, 90, 120 and 180°)</li> <li>Full rotation (360°)</li> </ul>	<ul style="list-style-type: none"> <li>Adjustable angle (15, 30, 45, 60, 90, 120 and 180°)</li> <li>Full rotation (360°)</li> </ul>
Speed	Adjustable	Adjustable
Control	Rotary knobs	Rotary knobs
Pump control	–	Automatic control Option: Integrated PTFE-coated diaphragm pump Flow rate approx. 250 ml/min
Max. load	2 x 100 g	2 x 100 g
Voltage	100 -240 V AC (24 V DC)	100 -240 V AC (24 V DC)
Material	Stainless Steel	Stainless Steel
Weight	approx. 3 kg	approx. 3.2 kg
Dimensions (H x W x D)	170 x 210 130 mm	170 x 210 130 mm



Model LP180TW with clamp for syringes and vacuum waste aspirator LP500VA.