

Vacuum Pump with Aspirator VWA500

Description

The VWA500 vacuum aspiration pump is designed for the continuous aspiration of liquids in the laboratory and is particularly suited for applications such as cell culture, molecular biology, or general laboratory work.

The device combines an integrated diaphragm vacuum pump with a liquid collection system.

The VWA500 vacuum system is distinguished primarily by its compact design, integrated and chemical-resistant vacuum generator, adjustable suction power, and automatic activation during operation. These features make it particularly suitable for routine tasks requiring the safe, regular aspiration of small to medium volumes of liquid.



Model VWA500

Specifications

- **Integrated vacuum pump**
Vacuum generation is provided by a built-in gas diaphragm pump, eliminating the need for an external vacuum source.
- **Chemical-protected pump system**
The pump membrane does not come into contact with the pumped liquids or chemicals. This reduces the risk of corrosion and extends the service life of the pump.
- **Continuous fluid aspiration**
The flow rate is up to 500 ml/min, with an adjustable flow rate. This allows the suction performance to be adapted to various applications.
- **Automatic start function**
The pump starts automatically when the suction handpiece is lifted. This function can be deactivated if required.
- **Integrated 1-liter vacuum flask**
The system features a vacuum-resistant collection flask with a capacity of one liter.
- **Simple operation**
Controls consist of a power switch and a rotary knob for adjusting the flow rate.
- **Universal Power Supply**
Operates on 100–240 V AC with 24 V DC output, making the device suitable for international use.



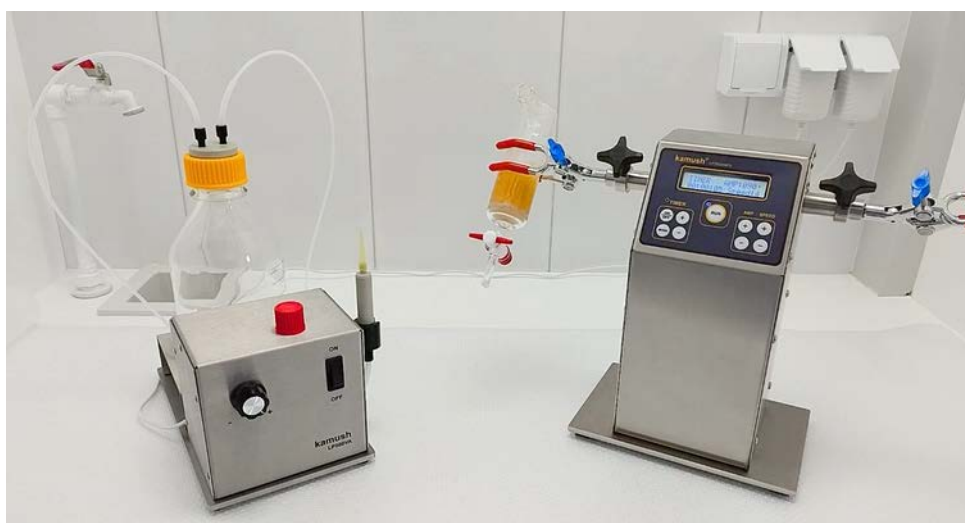
Model VWA500 with peptide shaker LP360AMP.

Vacuum Pump with Aspirator VWA500



Technical Data

Model	VWA500
Durchflussrate	Adjustable
Pump type	Gas membrane pump
Connectors	1/4" outlet, 1/8" inlet
Control	ON/OFF, power button, rotary knob
Voltage	100 -240 V AC (24 V DC)
Material	Stainless steel (housing)
Weight	2.5 kg
Dimensions (H x W x D)	140 x 140 250 mm



Model VWA500 with peptide shaker LP360AMP.