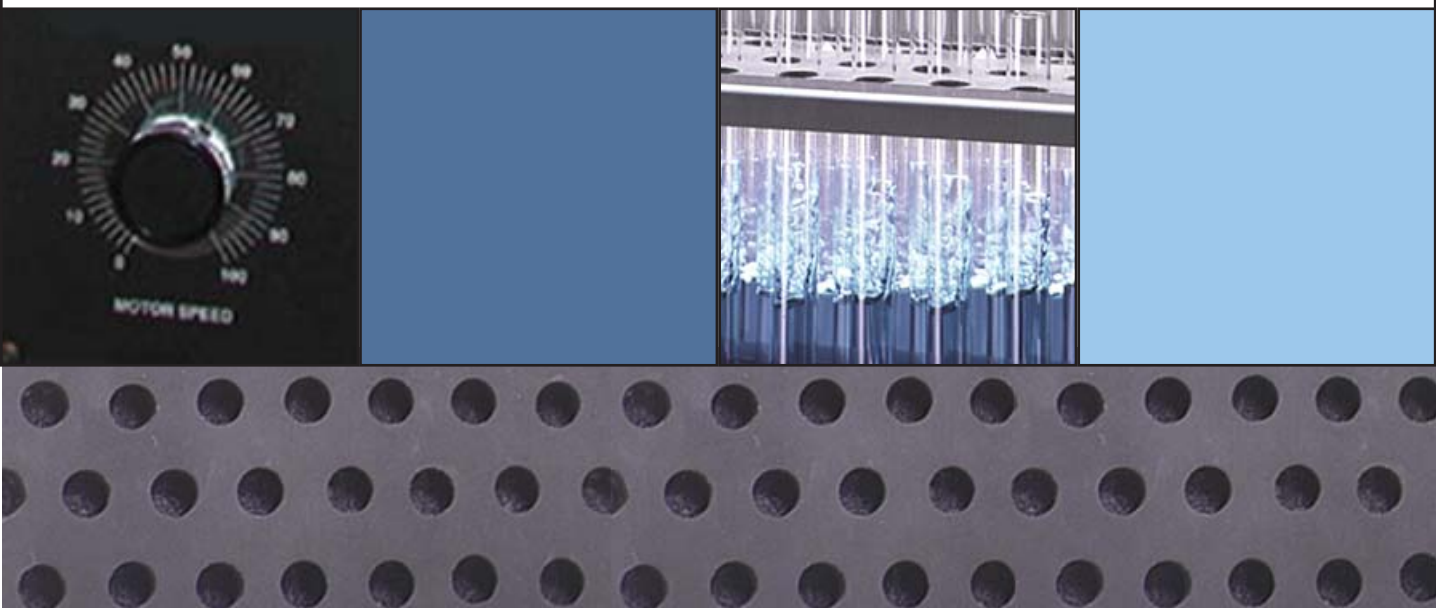


# Multi-Pulse-**Vortexer**

Mixing and Homogenizing



# Powerful

## Multi-Pulse-Vortexer

- **efficient vortexing of large sample volume**
- **pulsing feature interrupts action for more thorough mixing**
- **easily adapted to different vessels**
- **high effectiveness for enzymatic reactions**
- **reproducible results due to thorough mixing**

## Powerful and thorough vortexing large sample volume

The Multi-Pulse-Vortexer is especially suitable for vortexing large sample volume.

The standard version has space for 22 reagent vessels.

# Efficient

The powerful drive system (max. 2,500 rpm) ensures thorough mixing of even the toughest samples. The speed range is continuously adjustable.

## Additional pulse function

Samples with a tendency to form layers are no problem for the Multi-Pulse-Vortexer. The system's additional pulsing feature interrupts the vortexing process briefly to allow for thorough mixing.

The pulsing frequency is continuously adjustable.

## Thorough Homogenisation

Adding glass or steel beads to the sample causes homogenisation of the material. The pulsing feature guarantees a complete homogenisation of the entire sample.

# Applications

## Variety of sizes to fit most applications

The Multi-Pulse-Vortexer allows working with all common types of sample vessels, simply by changing the cartridge size. The Multi-Pulse-Vortexer adapts easily to different sample volumes - without the need to purchase additional attachment adapters.

Whether microtiter plates, cryo-tubes, reagent vessels, Falcon tubes, Erlenmeyer or other vessels, the adapter is the same - only the insert changes. The insert can be height adjusted.

Using the optional blank inserts, allows for using the unit for most standard tube racks or with complete test tube racks.

## Technical Data

Dimensions (w x h x d)	450 x 180 x 360 mm
Speed	0-2,500 rpm
Weight	approx. 16 kg
Power	230 V, 180 VA, 50-60 Hz

## Ordering Information

**Multi-Pulse Vortexer**, 230 V,  
including two inserts suitable for tubes  
Ø 12 - 13 mm and Ø 15 - 16 mm

## Cat-No.

**3.200 001**

## Accessories

### Inserts for Multi-Pulse Vortexer

Vessel Ø	Capacity	
12 -13 mm	22 Tubes	<b>3.200 002</b>
15 -16 mm	22 Tubes	<b>3.200 012</b>
18 -20 mm	19 Tubes	<b>3.200 022</b>
25 mm	12 Tubes	<b>3.200 032</b>
28 -29 mm	10 Tubes	<b>3.200 042</b>

### Type of vessel

Type of vessel	Capacity	
96er multiwell plates	2 each	<b>3.200 052</b>
125 ml Erlenmeyer flasks	2 each	<b>3.200 062</b>
250 ml Erlenmeyer flasks	2 each	<b>3.200 072</b>
1.5/2.0 ml reaction vessels	84 tubes	<b>3.200 082</b>
12 mm cryo-tubes	36 tubes	<b>3.200 092</b>

### Blank cartridge

for working with other vessels/racks **3.200 102**

**schuett** **biotec**.de

Rudolf-Wissell-Straße 13, D-37079 Göttingen, Germany  
Fon +49 (0) 551/5 04 10-0, Fax +49 (0) 551/5 04 10-99  
info@schuett-biotec.de  
**www.schuett-biotec.de**