

## Multi-Pulse-Vortexer

for mixing and homogenizing

- efficient vortexing of multiple samples
- 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 of multiple samples

The Multi-Pulse-Vortexer is especially suitable for vortexing of multiple samples. The standard version has space for 22 reagent vessels. The powerful drive system (max. 2,500 rpm) ensures for a thorough mixing of even the toughest samples. The speed range is continuously adjustable (non-stepped).

### Reversible pulse function

Sampling substances with a tendency to form layers present no problem for the Multi-Pulse-Vortexer. The system's reversible pulse feature interrupts the vortexing process briefly to allow for thorough mixing. The pulse frequency is continuously adjustable (non-stepped).

### Thorough Homogenization

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

### Variety of sizes to fit most applications

The Multi-Pulse-Vortexer enables you to work 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 (non-stepped). Using the optional blank inserts, it is possible to use the unit for most standard tube racks or with complete reaction tube racks.

# Data and Facts

## 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 AC, 180 VA, 50-60 Hz

## Ordering information

Cat.-No.

<b>Multi-Pulse Vortexer, 230 V</b> including two inserts suitable for tubes of 12 - 13 and 15 - 16 mm Ø	3.200 001
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## Accessories

Inserts for Multi-Pulse Vortexer

Vessel Ø	Capacity	
12 - 13 mm	22 tubes	3.200 002
15 - 16 mm	22 tubes	3.200 012
18 - 20 mm	19 tubes	3.200 022
25 mm	12 tubes	3.200 032
28 - 29 mm	10 tubes	3.200 042

Type of vessel	Capacity	
96 well plate	2 each	3.200 052
125 ml Erlenmeyer vessels	2 each	3.200 062
250 ml Erlenmeyer vessels	2 each	3.200 072
1.5/2.0 ml Eppendorf tubes	84 tubes	3.200 082
12 mm cryo-tubes	36 tubes	3.200 092
Cartridge custom-made		3.200 100

## Blank cartridge

for working with other vessels/racks	3.200 102
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