

## Multi-Pulse Vortexer, schuett-biotec

### Multi-Pulse Vortexer

- efficient vortexing of multiple samples
- pulsing feature interrupts action for more thorough mixing
- suitable for use with all common sample-handling

### 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 flasks. The powerful drive system (max. 2000 rpm) ensures for a thorough mixing of even the toughest samples. The speed range is continuously adjustable (non-stepped). The contents of the tubes remain visible during mixing, and sample can be added to uncapped tubes without stopping the action.

### Resersible pulse function

Sampling substances with a tendency to form layers present no problem for the Multi-Pulse-Vortexer. The pulse frequency is infinitely adjustable (non-stepped).

### Homogenization

The addition of beads made from glass or steel to the sample substance causes homogenization of the material.

Dimensions (W×H×D): 450 × 180 × 360 mm  
 Speed range: 100 to 2000 min<sup>-3</sup>  
 Loading (max.): 1.8 kg  
 Power: 230 V, 180 VA, 50 Hz  
 Weight: approx. 16 kg

Article	Order No.
<b>Multi-Pulse Vortexer, 230 V</b>	<b>10 31 80001</b>
with two cartridges suitable for tubes of 12-13 and 15-16 mm Ø	

### Accessories

Cartridges for Multi-Pulse Vortexer

Article	Capacity	Order No.
Cartridge for tube-Ø 12-13 mm	22 tubes	<b>10 31 80002</b>
Cartridge for tube-Ø 15-16 mm	22 tubes	<b>10 31 80012</b>
Cartridge for tube-Ø 18-20 mm	19 tubes	<b>10 31 80022</b>
Cartridge for tube-Ø 25 mm	12 tubes	<b>10 31 80032</b>
Cartridge for tube-Ø 28-29 mm	10 tubes	<b>10 31 80042</b>
Cartridge for 96 well plates	2 pieces	<b>10 31 80052</b>
Cartridge for 125 ml Erlenmeyer flask	2 pieces	<b>10 31 80062</b>
Cartridge for 250 ml Erlenmeyer flask/2 piece	2 pieces	<b>10 31 80072</b>
Cartridge for 1.5/2.0 mm test tubes	84 vessels	<b>10 31 80082</b>
Cartridge for 12 mm cryo-tubes (cylindrical/conical)	36 vessels	<b>10 31 80092</b>
Multi-Pulse Vortexer cartridge, blank for other vessels		<b>10 31 80102</b>

