

## Benchmixer™ XL Vortexer



- ▶ **Orbital vortex agitation**
- ▶ **300 x 178 mm platform for a wide variety of tubes**
- ▶ **Speed up to 2500 rpm**
- ▶ **Pulsing program for interval mixing (up to 100 hours)**
- ▶ **Supplied with a rack for 50 tubes of 12 mm diameter (Cat. No. 062522)**

Can be completed with a horizontal rack for 50 ml tubes, ideal for pesticide residue testing (QuEChERS method) - sold separately: Cat. No. 062528)

Speed (rpm)	500 to 2500
Max. capacity	15 x 50 ml or 50 x 15 ml
Orbit (mm)	3.6
Timer	up to 100 hours
Dimensions (mm)	385 x 235 x 420
Weight (kg)	13
Power supply	230 V / 50-60 Hz
<b>Cat. No.</b>	<b>062519</b>
<b>€</b>	<b>N/A -</b>

### Racks

Cat. No.	Capacity	€
062520	96 tubes of 0.5 ml or 8 mm diameter	N/A -
062521	50 tubes of 1.5/2 ml or 10 mm diameter	N/A -
062522	50 tubes of 12 mm diameter	N/A -
062523	50 tubes of 13 mm diameter	N/A -
062524	50 tubes of 15 ml or 16.5 mm diameter	N/A -
062525	15 tubes of 50 ml or 29 mm diameter	N/A -

Cat. No.	Capacity	€
062526	15 tubes of 25 mm diameter	N/A -
062527	3 microplates	N/A -
062804	7 x 50 ml tubes horizontal	N/A -

## Shaker for microtubes



Shaker for 60 microtubes 1.5 ml or 2 ml (or 0.5 ml or 0.2 ml with adapters).

- ▶ **Variable speed: 100 - 1400 rpm**
- ▶ **Timer: 99.5 minutes with continuous function**
- ▶ **Orbital movement: 3 mm amplitude**
- ▶ **L x W x H (mm): 170 x 280 x 150**

Cat. No.	Description	€
096503	Shakers for 60 microtubes	N/A -
096532	Adapter for microtubes 0.5 ml (6 units)	N/A -
096534	Adapter for 0.2 ml microtubes (6 units)	N/A -

## MPS-1 Grant-Bio high-speed orbital/vortex shaker



Compact shaker for tubes, microtubes and plates.

- ▶ **Suitable for use with 0.2 ml to 50 ml high speed tubes**
- ▶ **Can be used in cold rooms and incubators**
- ▶ **Silent operation**
- ▶ **Adjustable speed or 4 presets**

Speed (rpm)	300 - 3200
Increment (rpm)	100
Stirring amplitude (mm)	3
Acceleration time (s)	5
Timer with alarm	1 to 60 min / continuous
Operating temperature	+ 4 to 40 °C
Dimensions W x D x H (mm)	225 x 215 x 150
Weight (kg)	5.1
Maximum noise level	50 dB
Power supply	12V / 1.25A / 5W
<b>Cat. No.</b>	<b>144813</b>
<b>€</b>	<b>N/A -</b>

### Accessories

Cat. No.	Description	€
144815	Adapter for 24 microtubes 1.5/2.0 ml	N/A -
144816	Adapter for 32 microtubes 0.5 ml	N/A -
144817	Adapter for 24 tubes 0.5 ml and 48 tubes 0.2 ml (or 6 x 8-tube strip)	N/A -
144818	Adapter for 96 microtubes 0.2 ml or 12 x 8-tube strip or a half-skirted or unskirted 96-well PCR plate	N/A -
144814	Complete package with MPS-1 agitator and 4 adapters	N/A -