

Shakers | Technical data



MS 3 basic | digital



lab dancer



VORTEX Genius 3

Technical data

Type of movement
Shaking diameter
Permissible shaking weight (incl. attachment)
Motor rating input / output
Permissible ON time
Speed range
Speed display
Timer
Timer display
Operating mode
Dimensions (W x D x H)
Weight
Permissible ambient temp.
Permissible relative moisture
Protection class acc. to DIN EN 60529
Interface
Voltage
Frequency

orbital
4.5 mm
0.5 kg
10 / 8 W
100%
0 – 3000 rpm
scale digital
no ∞ / 1 s – 999 min
none digital
continuous / touch operation timer and continuous / touch operation
148 x 205 x 63 mm
2.9 kg
5 – 40 °C
80%
IP 21
no
100 – 240 V
50/60 Hz

MS 3 basic: Ident. No. 0003617000
MS 3 digital: Ident. No. 0003319000

orbital
4.5 mm
max. 50 ml (1 test tube)
1.2 / 0.8 W
100%
2800 rpm (fixed)
none
no
none
touch operation
100 x 70 mm (Ø x H)
0.55 kg
5 – 40 °C
80%
IP 40
no
100 – 240 V
50/60 Hz

Ident. No. 0003365000

orbital
4 mm
0.4 kg
58 / 10 W
100%
500 – 2500 rpm
scale 0 – 6
no
none
continuous / touch operation
127 x 149 x 136 mm
4.5 kg
5 – 40 °C
80%
IP 21
no
230 V
50/60 Hz

Ident. No. 0003340000



VORTEX 1



VORTEX 4 basic | digital



VXR basic Vibrax®

Technical data

Type of movement	orbital	orbital	orbital
Shaking diameter	4.5 mm	4.5 mm	4 mm
Permissible shaking weight (incl. attachment)	0.1 kg	0.5 kg	2 kg
Motor rating input / output	1.2 / 0.8 W	10 / 8 W	35 / 13.2 W
Permissible ON time	100%	100%	100%
Speed range	1000 – 2800 rpm	0 – 3000 rpm	0 – 2200 rpm
Speed display	none	scale digital	scale
Timer	no	no ∞ / 1 s – 999 min	no
Timer display	none	no digital	none
Operating mode	touch operation	continuous / touch operation timer and continuous / touch operation	continuous operation
Dimensions (W x D x H)	95 x 110 x 70 mm	176 x 190 x 63 mm	157 x 247 x 130 mm
Weight	0.55 kg	3 kg	6.1 kg
Permissible ambient temp.	5 – 40 °C	5 – 40 °C	5 – 40 °C
Permissible relative moisture	80%	80%	80%
Protection class acc. to DIN EN 60529	IP 40	IP 21	IP 21
Interface	no	no	no
Voltage	100 – 240 V	100 – 240 V	230 V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz

Ident. No. 0004047700

VORTEX 4 basic: Ident. No. 0004049600

VORTEX 4 digital: Ident. No. 0004050100

Ident. No. 0002819000