

Вортексы, шейкеры маленькие CARL ROTH

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Vortexers, small shakers



Test tube shakers lab dancer

IKA.

To mix small sample sizes using the touch function.

- For small containers with Ø of up to 30 mm, such as test tubes, centrifuge tubes and reaction vials
- With fixed speed setting of 2800 rpm

Technical specifications:

Art. No.	AN62.1
Type	lab dancer
Movement type	circular vibrating
Speed	2800 rpm
Shaking amplitude (stroke)	4,5 mm
Max. shaken volume	1 test tube 50 ml
Motor power input	1.2 W
Motor power output	0.8 W
W x D x H	100 x 110 x 70 mm
Weight	0.55 kg

Delivery incl. 12 V plug-in power supply.

Type	Art. No.	Pack Qty.	
lab dancer	AN62.1	1 unit(s)	



Test tube shakers Hula Dancer series

IKA.

For mixing small sample sizes in small containers such as test tubes and reaction vials, etc. using a touch function. Circular vibrating shaking motion. With robust housing.

Technical specifications:

Art. No.	KHC7.1	KHC8.1
Type	basic	digital
Movement type	circular vibrating	
Speed range	2800 rpm	1200 to 2800 rpm
Shaking amplitude (stroke)	4,5 mm	
Speed display	fixed	speed-adjustable in 9 increments
W x D x H	123 x 123 x 42 mm	
Weight	0,7 kg	
Mains connection	100–240 V, 50/60 Hz	

(1) Hula Dancer basic

Fixed speed setting of 2800 rpm.

Type	Art. No.	Pack Qty.	
basic	KHC7.1	1 unit(s)	

(2) Hula Dancer digital

Speed-adjustable in nine increments.

With digital display of the relevant speed level.

Type	Art. No.	Pack Qty.	
digital	KHC8.1	1 unit(s)	

Vortexers, small shakers



Test tube shakers ROTILABO® Mini Vortex

ROTH SELECTION. Material: ABS, Silicone.

Specially designed for low space requirements and mixing small sample sizes by means of a touch function.

- For small containers with a Ø of up to 30 mm such as test tubes, centrifuge tubes, reaction vials, etc.
- With fixed speed setting of 4500 rpm
- Quiet operation with good mixing effect
- 5 years warranty

Technical specifications:

Art. No.	HXH6.1
Type	ROTILABO® Mini Vortex
Movement type	circular vibrating
Speed	4500 rpm
Shaking amplitude (stroke)	6 mm
W x D x H	110 x 75 x 130 mm
Weight	0,9 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. 12 V plug-in power supply and two standard silicone attachments.

Type	Art. No.	Pack Qty.	
ROTILABO® Mini Vortex	HXH6.1	1 unit(s)	



Vortexer with stirring attachment ROTILABO®

ROTH SELECTION.

For reaction vials 1.5 ml. Suitable for every vortexer or test tube shaker with a rubber plate or test tube holder. Large shaft with a fixed, round plate for mounting reaction vials. Reaction vials are protected against falling out by a second, adjustable plate. Shaft length 165 mm, with ball handle (Ø 25 mm) on the upper end.

Type	Art. No.	Pack Qty.	
for 8 reaction vessels	L660.1	1 unit(s)	
for 20 reaction vessels	L661.1	1 unit(s)	



Test tube shakers RS series

Phoenix Instrument.

General information on both models

For mixing small sample sizes in test tubes, centrifuge tubes, reaction vials, etc.

- Touch or continuous operation
- Robust housing design
- Slip-resistant silicon feet

Technical specifications:

Art. No.	PX87.1	PX88.1
Type	RS-VF-10	RS-VA-10
Movement type	circular vibrating	
Speed range		0 to 2500 rpm
Speed	2500 rpm	
Shaking amplitude (stroke)	4 mm	
W x D x H	127 x 130 x 160 mm	
Weight	3.5 kg	
Mains connection	220–230 V, 50 Hz	

Delivery incl. standard attachment for test tubes and small vessels.

Model: RS-VF 10

With fixed speed setting of 2500 rpm

Type	Art. No.	Pack Qty.	
RS-VF-10	PX87.1	1 unit(s)	

Model: RS-VA 10

with variable speed control from 0 to 2500 rpm

Type	Art. No.	Pack Qty.	
RS-VA-10	PX88.1	1 unit(s)	

Accessories single-hand attachment large, for RS series test tube shakers

Phoenix Instrument.

For single-handed shaking of Erlenmeyer flasks, bottles, etc. With rubber mat (Ø 99 mm).

Designation	Art. No.	Pack Qty.	
Single-hand attachment, large	PX89.1	1 unit(s)	



Vortexers, small shakers



Test tube shakers with ZX4 infrared sensor

Velp.

- IR sensor mode or continuous operation can be chosen
- When the contactless IR sensor is activated, the test tube shaker starts the typical vortex movement at the previously set speed as soon as a sample tube is detected in the immediate vicinity
- Robust housing design with slip-resistant feet

Technical specifications:

Art. No.	ACN9.1
Type	ZX4
Movement type	circular vibrating
Speed range	0 to 3000 rpm
Shaking amplitude (stroke)	4,5 mm
W x D x H	150 x 165 x 130 mm
Weight	2.7 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. standard attachment for test tubes and small vessels.

Type	Art. No.	Pack Qty.	
ZX4	ACN9.1	1 unit(s)	



Accessories for ZX4 series test tube shaker

Velp.

(1) Attachment for 19 x 1.5/2.0 ml reaction vials

Designation	Art. No.	Pack Qty.	
Attachment for reaction vials	ACP0.1	1 unit(s)	

(2) Attachment for 5 sample tubes Ø 16 mm

Designation	Art. No.	Pack Qty.	
Attachment for 5 sample tubes	ACP1.1	1 unit(s)	

(3) Attachment for 4 x 50 ml centrifuge tubes (29 mm)

Designation	Art. No.	Pack Qty.	
Attachment for 4 centrifuge tubes	ACP2.1	1 unit(s)	



Test tube shakers Vortex Mixer with multifunctional attachment

Heathrow Scientific.

Suitable for continuous or intermittent operation, with touch function, activated by applying pressure to the shaker attachment.

- With multifunctional attachment for six different vial types and a microtiter plate:
 - 2 x 50 ml centrifuge tubes (horizontal fitting)
 - 2 x 15 ml centrifuge tubes (horizontal fitting)
 - 4 x 1.5/2.0 ml reaction vials (vertical fitting)
 - 6 x 0.5 ml reaction vials (vertical fitting)
 - 24 x 0.2 ml reaction vials (vertical fitting)
 - 2 x 5 ml reaction vials (horizontal fitting)
 - 1 x microtiter plate
- A standard attachment for single-handed shaking of test tubes and vials is also integrated in the multifunctional platform
- Speed adjustment in three stages
- Attachment can be removed for cleaning
- 5 years warranty

Technical specifications:

Art. No.	CNH7.1
Type	Multi Vortex Mixer
Movement type	circular vibrating
Speed	1000/2000/3000 rpm
Shaking amplitude (stroke)	3,7 mm
W x D x H	171 x 190 x 197 mm
Weight	4 kg
Mains connection	220–240 V, 50/60 Hz

Type	Art. No.	Pack Qty.	
Multi Vortex Mixer	CNH7.1	1 unit(s)	

Vortexers, small shakers



Test tube shakers Genie® Vortex 1

Scientific Industries.

- Sturdy design with high stability
- For rapid, intensive mixing of samples
- Device starts at maximum speed when the attachment is pressed down, reducing the vortex time

Technical specifications:

Art. No.	AH32.1
Type	Genie® 1
Movement type	circular vibrating
Speed	2700 rpm
W x D x H	122 x 165 x 190 mm
Permissible ambient conditions	0 to +38 °C at 95% RH
Weight	4 kg
Mains connection	230–240 V, 50 Hz

Delivery incl. standard attachment (inside Ø 25 mm) for single-handed shaking of test tubes, sample tubes and reaction vials.

Type	Art. No.	Pack Qty.
Genie® 1	AH32.1	1 unit(s)

Accessories for Vortex-Genie® series

Scientific Industries.

Shaker dish

Designation	Art. No.	Pack Qty.
Shaker dish, Ø15 cm	P509.1	1 unit(s)

Replacement shaker dish, Ø 75 mm

Designation	Art. No.	Pack Qty.
Replacement shaker dish, Ø 75 mm	P507.1	1 unit(s)

Angular dish

Designation	Art. No.	Pack Qty.
Angular dish	P512.1	1 unit(s)



Test tube shakers REAX series

Heidolph.

Compact and powerful. High safety standard thanks to comparably strong pressure housing. The special design prevents fluid splashes from penetrating. Practical switching between intermittent and continuous operation.

Technical specifications:

Art. No.	L952.1	L953.1
Type	REAX top	REAX control
Movement type	circular vibrating	
Shaking frequency	0–2500 rpm	
Shaking amplitude (stroke)	5 mm	
Control accuracy	–	±2 %
Motor power input	42 W	
W x D x H	134 x 172 x 105 mm	
IP rating	22	
Permissible ambient conditions	+5 to +40 °C at 85% RH	
Weight	3.3 kg	

Delivery incl. small mounting plate for tubes up to Ø 20 mm.

Pic.	Type	Art. No.	Pack Qty.
	REAX top	L952.1	1 unit(s)
(1)	REAX control	L953.1	1 unit(s)



Accessories for REAX series test tube shakers

Heidolph.

(2) Mounting plate, large

For flasks up to 50 ml.

Designation	Art. No.	Pack Qty.
Mounting plate, large	L954.1	1 unit(s)

(3) Supporting rod with vessel holder

For securing test tubes or flasks during continuous operation. Supporting rod made of V2A, length 210 mm.

Designation	Art. No.	Pack Qty.
Supporting rod with vessel holder	H826.1	1 unit(s)

(4) 10 holding rack

For max. 10 reaction vials (Ø 10 mm, L 60 mm).

Designation	Art. No.	Pack Qty.
10 holding rack	L955.1	1 unit(s)



Vortexers, small shakers



Test tube shakers Genie® Vortex Mixer series

Scientific Industries.

Robust and reliable shaking devices for rapid mixing and shaking of samples.

- Numerous accessories, such as attachments for test tubes, beakers, reaction vials, etc.
- Attachments are easy to change thanks to the snap-lock closure

Technical specifications:

Art. No.	P505.1	X561.1	HH64.1	PK04.1
Type	Vortex-Genie® 2	Vortex-Genie® 2T	Digital Vortex-Genie® 2	Digital Vortex-Genie® 2 Pulse
Movement type	circular vibrating			
Speed range	600 to 2700 rpm		500 to 2850 rpm	
Speed display	Scale		Digital	
Timer display	No	Scale Intermittent operation: 1 to 60 s Hands-free mode: 1 to 60 min	Digital Intermittent operation: 1 to 99 s Hands-free mode: 1 to 99 min	
W x D x H	122 x 165 x 165 mm			
Permissible ambient conditions	0 to +38 °C at 95 % RH			
Weight	4 kg			
Mains connection	230 V, 50/60 Hz			

Delivery incl. standard attachment (inside Ø 25 mm) and shaking tray (Ø 75 mm).

(1) Model: Vortex-Genie® 2

Intermittent operation (with automatic start, triggered by pressing the attachment) or continuous operation is possible.

Pic.	Type	Art. No.	Pack Qty.
(1)	Vortex-Genie® 2	P505.1	1 unit(s)

(2) Model: Vortex-Genie® 2T with integrated timer

Setting options: 1 to 60 s (intermittent operation), 1 to 60 min (hands-free mode) or continuous operation.

Type	Art. No.	Pack Qty.
Vortex-Genie® 2T	X561.1	1 unit(s)

(3) Model: Vortex-Genie® 2 Digital

With speed and time adjustment (timer function) via digital display. Setting options: 1 to 99 s (intermittent operation), 1 to 99 min (hands-free mode) or continuous operation. After not being used for 10 minutes, the mixer switches to „sleep“ mode. Speed increase in increments of 10 rpm.

Type	Art. No.	Pack Qty.
Digital Vortex-Genie® 2	HH64.1	1 unit(s)

(4) Model: Digital Vortex-Genie® 2 Pulse

Like the Digital Vortex-Genie® 2 with additional functions (but without the touch function):

- Programmable pulse function for various applications
- Depending on the selected pulse and pause duration, either a rapid and vigorous mixing of samples or an intermittent mixing function results. Interval programming is suitable for, for example, temperature-sensitive samples, which should be held in suspension and not warmed up.
- Pulse and pause duration (on/off) is adjustable from 0.1 s to 99 min

Type	Art. No.	Pack Qty.
Digital Vortex-Genie® 2 Pulse	PK04.1	1 unit(s)



Accessories for Vortex-Genie® series

Scientific Industries.

(1) TurboMix attachment

For simultaneous shaking of 12 x 1.5/2.0 ml reaction vials. Suitable for cell disintegration with glass beads. Highly efficient mixing.

Designation	Art. No.	Pack Qty.
TurboMix® attachment	P517.1	1 unit(s)

(2) Replacement standard attachment

For single-handed shaking of test tubes.

Designation	Art. No.	Pack Qty.
Replacement standard attachment	P506.1	1 unit(s)

(3) Rubber plate for shaking dish (Ø 75 mm)

For single-handed shaking of beakers, Erlenmeyer flasks, bottles, etc.

Delivery without shaker dish. A shaker dish (Ø 75 mm) is required for operation. Please order separately.

Designation	Art. No.	Pack Qty.
Replacement rubber plate with indents	P508.1	1 unit(s)

Vortexers, small shakers



Accessories for Vortex-Genie® series

Scientific Industries.

(4) Attachment for reaction vials

For shaking and mixing samples in reaction vials.

Delivery without shaker dish. The shaker dish of Ø 15 cm is required for set-up. Please order separately.

Designation	Art. No.	Pack Qty.	
Attachment for reaction vials	P510.1	1 unit(s)	

(5) Attachment for microtiter plates

For shaking and mixing cell cultures and other samples in microtiter plates.

Delivery without shaker dish. The shaker dish of Ø 15 cm is required for set-up. Please order separately.

Designation	Art. No.	Pack Qty.	
Attachment for microtiter plates	P511.1	1 unit(s)	

(6) Elastic bands for fastening beakers, flasks, etc.

For shaking and mixing samples in beakers, Erlenmeyer flasks, bottles, etc. Vessels are secured by the elastic bands.

Delivery without angular dish. The angular dish is required for set-up. Please order separately.

Designation	Art. No.	Pack Qty.	
Elastic bands	P513.1	2 unit(s)	

(7) Attachments for test tubes

For simultaneous shaking of multiple test tubes.

Delivery without angular dish. The angular dish is required for set-up. Please order separately.

Designation	Art. No.	Pack Qty.	
Attachment for 12 test tubes of 9–16 mm	P514.1	1 unit(s)	
Attachment for 8 test tubes of 14–29 mm	P515.1	1 unit(s)	
Attachment for 4 test tubes of 29–37 mm	P516.1	1 unit(s)	

(8) Attachment for centrifuge tubes/reaction vials

For shaking and mixing samples in centrifuge tubes/reaction vials.

Designation	Art. No.	Pack Qty.	
Attachment for 12 centrifuge tubes of 15 ml (Ø 17 x L 120 mm)	LY19.1	1 unit(s)	
Attachment for 6 centrifuge tubes of 50 ml (Ø 30 x L 115 mm)	LY20.1	1 unit(s)	
Attachment for 6 centrifuge tubes of 50 ml, 6 centrifuge tubes of 15 ml and 12 reaction vials of 1.5/2.0 ml	XX95.1	1 unit(s)	

(9) Horizontal attachment for 24 reaction vials, 1.5/2.0 ml

Designation	Art. No.	Pack Qty.	
Horizontal attachment for 24 reaction vials, 1.5/2.0 ml	1ALA.1	1 unit(s)	

Accessories for Vortex-Genie® series

Scientific Industries.

Shaker dish

Designation	Art. No.	Pack Qty.	
Shaker dish, Ø15 cm	P509.1	1 unit(s)	

Replacement shaker dish, Ø 75 mm

Designation	Art. No.	Pack Qty.	
Replacement shaker dish, Ø 75 mm	P507.1	1 unit(s)	

Angular dish

Designation	Art. No.	Pack Qty.	
Angular dish	P512.1	1 unit(s)	



Vortexers, small shakers and accessories



Test tube shakers Vortex 2

IKA.

For short-term operation (touch function) or continuous operation.

- Stable thanks to sturdy zinc die-cast housing
- Attachments click into place
- Numerous accessories, e.g. attachments for reaction vials, microtitration plates, etc.

Technical specifications:

Art. No.	EHP7.1
Type	Vortex 2
Movement type	circular vibrating
Speed range	500 to 2500 rpm
Shaking amplitude (stroke)	4 mm
W x D x H	120 x 140 x 138 mm
Weight	3.9 kg
Mains connection	220–240/115/100 V, 50/60 Hz

Delivery incl. VG 3.1 standard attachment.

Type	Art. No.	Pack Qty.	
Vortex 2	EHP7.1	1 unit(s)	



Test tube shakers Vortex Genius 3

IKA.

Suitable for use over short periods (touch function), activated by applying pressure to the shaker attachment, or for continuous operation.

- Continuous speed adjustment
- Variety of accessories, e.g. attachments for test tubes, reaction vials, etc. (please order separately)
- Attachments simply click into place

Technical specifications:

Art. No.	EE34.1
Type	Vortex Genius 3
Movement type	circular vibrating
Speed range	500 to 2500 rpm
Shaking amplitude (stroke)	4 mm
W x D x H	127 x 149 x 136 mm

Delivery incl. standard attachment for test tubes and small vessels.

Type	Art. No.	Pack Qty.	
Vortex Genius 3	EE34.1	1 unit(s)	



Accessories for Vortex 2 and Genius 3 test tube shakers

IKA.

(1) VG 3.1 replacement standard attachment

Designation	Art. No.	Pack Qty.	
VG 3.1 standard attachment	EE35.1	1 unit(s)	

(2) VG 3.2 single-hand attachment

For single-handed shaking of Erlenmeyer flasks, bottles, etc. With rubber insert (Ø 88 mm).

Designation	Art. No.	Pack Qty.	
VG 3.2 single-hand attachment	EE36.1	1 unit(s)	

(3) VG 3.3 universal attachment

For mounting different inserts for test tubes and microtiter plates, etc. Please order separately. See accessories for VG 3.3 universal attachment.

Designation	Art. No.	Pack Qty.	
VG 3.3 universal attachment	EE37.1	1 unit(s)	



Accessories for VG 3.3 universal attachment

IKA.

(4) Test tube inserts

Designation	Art. No.	Pack Qty.	€
for 54 x 1.5/2.0 ml reaction vials (type: VG 3.31)	EE38.1	1 unit(s)	65,00
for 18 test tubes Ø 10 mm (type: VG 3.32)	EE39.1	1 unit(s)	34,00
for 12 test tubes Ø 12 mm (type: VG 3.33)	EE40.1	1 unit(s)	34,00
for 8 test tubes Ø 16 mm (type: VG 3.34)	EE41.1	1 unit(s)	34,00
for 8 test tubes Ø 20 mm (type: VG 3.35)	EE42.1	1 unit(s)	34,00

(5) VG 3.36 Erlenmeyer flask tightening strap

Tightening strap for 1 Erlenmeyer/round-bottom flask of 100 to 250 ml.

Designation	Art. No.	Pack Qty.	
VG 3.36 Erlenmeyer tightening strap	EE43.1	1 unit(s)	

(6) VG 3.37 microtiter plate insert

VG 3.37 microtiter plate insert, for 1 microtiter plate.

Designation	Art. No.	Pack Qty.	
VG 3.37 microtiter plate insert	EE44.1	1 unit(s)	

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