

Миксеры верхнеприводные, ротаторы CARL ROTH

Технические характеристики

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Overhead mixers, rotators



3D rocker shaker TL 2

Edmund Bühler.

Powder-coated metal housing. With slow three-dimensional movement for even, gentle mixing. For homogeneous mixing in culture bottles and Petri dishes or flasks. Ideal e.g. for breeding cell cultures and DNA extractions. LED display for setting the speed and operating time.

Technical specifications:

Art. No.	HYK4.1
Type	TL 2 3D rocker shaker
Movement type	circular 3D rocking movement
Speed	1–22 rpm
Speed display	LED
Timer	0 to 99 h, 59 min or continuous operation
Shaking surface area	220 x 220 mm
W x D x H	250 x 415 x 118 mm
Loading capacity	2 kg
Permissible ambient conditions	5 to 45 °C at 85 % RH
Weight	9,1 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. basic unit, including vibration plate with rubber anti-slip mat.

Type	Art. No.	Pack Qty.
TL 2 3D rocker shaker	HYK4.1	1 unit(s)



Accessories expansion tray for TL 2 3D rocking shaker

Edmund Bühler.

Can be expanded with an additional platform as a second level. Height 80 mm.

Delivery incl. finely scored rubber mat.

Designation	Art. No.	Pack Qty.
Expansion tray for TL 2 3D laboratory rocking shaker	HYK5.1	1 unit(s)



Rotator Tube revolver for sample tubes

Thermo.

For mixing samples in test tubes.

- With LED speed display
- Turntable can be positioned at any angle (exception: turntable for 50 ml centrifuge tubes can only be positioned horizontally or vertically)
- Turntable are easy to replace
- Overhead mixing function with activatable agitation mode (additional shaking every 40° during every second rotation cycle)
- Max. 4 turntables can be attached at once (exception: only 1 turntable can be attached for 50 ml centrifuge tubes)

Technical specifications:

Art. No.	ATX1.1
Type	Tube revolver
Speed range	10 to 40 rpm
W x D x H, external	225 x 154 x 195 mm
Permissible ambient conditions	4 to 60 °C at 80 % rel. humidity
Weight	1.2 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. 2 turntables for 7 centrifuge tubes 15 ml, 2 turntables for 7 blood collection tubes 5/7 ml, 2 turntables for 15 reaction vials 1.5/2.0 ml, 2 turntables for 21 reaction vials 0.5/0.8 ml and 1 turntable for 6 centrifuge tubes 50 ml.

Type	Art. No.	Pack Qty.
Tube revolver	ATX1.1	1 unit(s)

Accessories turntables for rotator tube revolvers

Thermo.

Designation	Art. No.	Pack Qty.
7 centrifuge tubes 15 ml (Ø 16-17 mm)	ATX2.1	2 unit(s)
7 blood collection vials 5/7 ml (Ø 12-13 mm)	ATX3.1	2 unit(s)
15 reaction vials 1.5/2.0 ml (Ø 10-11 mm)	ATX4.1	2 unit(s)
21 reaction vials 0.5/0.8 ml (Ø 7.5-8.5 mm)	ATX5.1	2 unit(s)
6 reaction vials 50 ml (Ø 28-29 mm)	ATX6.1	1 unit(s)

Overhead mixers, rotators



Rotator Revolver mixer for test and sample tubes

Labnet International.

For a variety of mixing tasks in microbiology, biochemistry and histochemistry.

- Sample containers can be positioned horizontally and vertically, as well as in any intermediate position
- Both halves of the particular rotary module can be arranged separately
- With fixed speed of 20 rpm
- Gentle vertical mixing for applications such as hybridisation (rolling mixing motion); vertically positioned tubes for overhead mixing of blood sample tubes for example
- Rotary module halves can be fixed without tools

Technical specifications:

Art. No.	PP49.1
Type	Revolver mixer
Speed	20 rpm
W x D x H, external	239 x 127 x 225 mm
Permissible ambient conditions	4 to 65 °C at 80 % rel. humidity
Weight	2 kg
Mains connection	230 V, 50/60 Hz

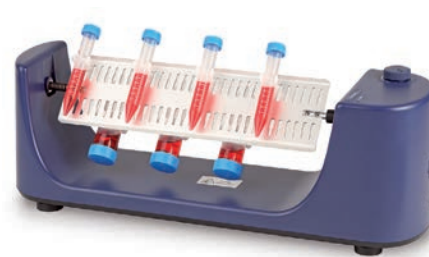
Delivery incl. rotary module for 36 reaction vials 1.5/2.0 ml. Additionally desired rotary modules, please order separately.

Type	Art. No.	Pack Qty.
Revolver mixer	PP49.1	1 unit(s)

Accessories turntables for rotator revolver mixer

Labnet International.

Designation	Art. No.	Pack Qty.
10 centrifuge tubes 15 ml and 16 for blood sample tubes 5/7 ml	PP50.1	1 unit(s)
6 centrifuge tubes 50 ml	PP51.1	1 unit(s)



Overhead rotor RS-RR 5

Phoenix Instrument.

With soft rotating overhead mixing function for reaction vials and other test tubes / centrifuge vials.

- Analogue variable speed adjustment
- Adjustable screw feet
- Max. load:
 - 34 reaction vials 1.5/2.0 ml
 - 22 centrifuge tubes 15 ml
 - 16 centrifuge tubes 50 ml

Technical specifications:

Art. No.	CHA4.1
Type	RS-RR 5
Speed range	0 to 80 rpm
W x D x H, external	530 x 150 x 190 mm
Weight	1.7 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. 36 clips (12 clips each for reaction tubes 1.5/2.0 ml and 12 clips each for centrifuge tubes 15/50 ml).

Type	Art. No.	Pack Qty.
RS-RR 5	CHA4.1	1 unit(s)

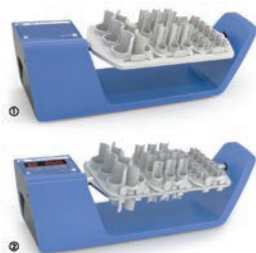
Accessories fastening clip for rotator RS-RR 5

Phoenix Instrument.

Designation	Art. No.	Pack Qty.
Reaction vessels 1.5/2.0 ml (Ø 11 mm)	CHA1.1	12 unit(s)
Centrifuge tubes 15 ml (Ø 17 mm)	CHA2.1	12 unit(s)
Centrifuge tubes 50 ml (Ø 29 mm)	CHA3.1	12 unit(s)



Overhead mixers, rotators



Overhead mixer Trayster series

IKA.

For a wide variety of mixing tasks in microbiology. For blending samples in reaction vials, sample tubes and blood vials. Suitable for separation and mixing of powdery and liquid samples. With soft rotating overhead mixing function.

Technical specifications:

Art. No.	ANE5.1	ANE6.1
Type	Trayster basic	Trayster digital
Speed range		5 to 80 rpm
Speed	20 rpm	
Speed display		LED
Timer		1 s to 99 h or continuous operation
Timer display		LED
W x D x H, external	460 x 160 x 150 mm	
Permissible ambient conditions	4 to 50 °C at 80 % rel. humidity	
Weight	1.7 kg	
Mains connection	100–240 V, 50/60 Hz	

Delivery incl. standard tray to accommodate at total of 3 inserts.
Without inserts, please order separately.

Basic model

With fixed speed

Pic.	Type	Art. No.	Pack Qty.
(1)	Trayster basic	ANE5.1	1 unit(s)

Model Digital

With infinitely adjustable speed and timer function

Pic.	Type	Art. No.	Pack Qty.
(2)	Trayster digital	ANE6.1	1 unit(s)

Accessories inserts for standard tray Trayster series

IKA.

Designation	Art. No.	Pack Qty.
24 reaction vessels 1.5/2.0 ml (Ø 11 mm)	ANE7.1	1 unit(s)
12 centrifuge tubes 15 ml (Ø 17 mm)	ANE9.1	1 unit(s)
6 centrifuge tubes 50 ml (Ø 29 mm)	ANH0.1	1 unit(s)
24 test tubes 5 ml (Ø 12 mm)	ANE8.1	1 unit(s)



Rotator RS-RD 5

Phönix Instrument.

For soft and gentle mixing of samples in various tubes/vials.

- Analogue variable speed adjustment
- Adjustable screw feet
- Fixed 90° rotation angle

- Max. loading options:
48 reaction vials 1.5/2.0 ml
8 centrifuge tubes 15 ml
8 centrifuge tubes 50 ml

Technical specifications:

Art. No.	CHA0.1
Type	RS-RD 5
Speed range	0 to 80 rpm
W x D x H, external	220 x 300 x 310 mm
Weight	2 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. 36 clips (12 clips each for reaction tubes 1.5/2.0 ml and 12 clips each for centrifuge tubes 15/50 ml).

Type	Art. No.	Pack Qty.
RS-RD 5	CHA0.1	1 unit(s)

Accessories fastening clip for rotator RS-RR 5

Phönix Instrument.

Designation	Art. No.	Pack Qty.
Reaction vessels 1,5/2,0 ml (Ø 11 mm)	CHA1.1	12 unit(s)
Centrifuge tubes 15 ml (Ø 17 mm)	CHA2.1	12 unit(s)
Centrifuge tubes 50 ml (Ø 29 mm)	CHA3.1	12 unit(s)

Overhead mixers, rotators



Rotator Loopster series

IKA.

Suitable for soft separation and mixing of powdery and liquid samples. Freely adjustable rotary angle (0 to 90°). Different attachments enable units to be used for a variety of applications.

Technical specifications:

Art. No.	ANH1.1	ANH2.1
Type	Loopster basic	Loopster digital
Speed range		5 to 80 rpm
Speed	20 rpm	
Speed display		LED
Timer		1 s to 99 h or continuous operation
Timer display		LED
W x D x H, external	300 x 300 x 360 mm	
Permissible ambient conditions	4 to 50 °C at 80 % rel. humidity	
Weight	3 kg	
Mains connection	100–240 V, 50/60 Hz	

Delivery without turntables. Please order required turntable separately.

Basic model

With fixed set speed.

Pic.	Type	Art. No.	Pack Qty.
(1)	Loopster basic	ANH1.1	1 unit(s)

Model Digital

With infinitely adjustable speed, digital timer function and speed display.

Pic.	Type	Art. No.	Pack Qty.
(2)	Loopster digital	ANH2.1	1 unit(s)

Accessories standard turntable for Rotator Loopster series

IKA.

Designation	Art. No.	Pack Qty.
48 reaction vessels 1.5/2.0 ml (Ø 11 mm)	ANH3.1	1 unit(s)
24 test tubes 5 ml (Ø 12 mm)	ANH4.1	1 unit(s)
20 centrifuge tubes 15 ml (Ø 17 mm)	ANH5.1	1 unit(s)
12 test tubes 30 ml (Ø 25 mm)	ANH6.1	1 unit(s)
12 centrifuge tubes 50 ml (Ø 29 mm)	ANH7.1	1 unit(s)

Accessories universal turntable for rotator Loopster series

IKA.

Individually configurable. Fastening clips are required for attaching test tubes. Please order separately.

Max. loading options:

- 36 reaction vials 1.5/2.0 ml
- 24 sample tubes 5 ml (Ø 12 mm)
- 12 centrifuge tubes 15 ml
- 8 sample tubes 30 ml (Ø 15 mm)
- 8 centrifuge tubes 50 ml

Designation	Art. No.	Pack Qty.
Universal turntable	ANH8.1	1 unit(s)

Accessories fastening clip for universal turntables

IKA.

Designation	Art. No.	Pack Qty.
Reaction vials 1.5/2.0 ml (Ø 11 mm)	ANH9.1	12 unit(s)
Sample tubes 5 ml (Ø 12 mm)	ANK0.1	12 unit(s)
Centrifuge tubes 15 ml (Ø 17 mm)	ANK1.1	12 unit(s)
Sample tubes 30 ml (Ø 25 mm)	ANK2.1	12 unit(s)
Centrifuge tubes 50 ml (Ø 29 mm)	ANK3.1	12 unit(s)



Rotator SB series

Stuart.

For gentle blending of samples, such as culture tubes, blood vials and reaction vials, for example.

- Turntables available for different vessels
- Freely adjustable angle of rotation

Technical specifications:

Art. No.	Y549.1	Y550.1
Type	SB 2	SB 3
Speed range		2 to 40 rpm
Speed	20 rpm	
Speed display		digital
Timer		1 to 999 min
W x D x H, external	200 x 270 x 240 mm	
Permissible ambient conditions	4 to 60 °C at 80 % rel. humidity	
Weight	3.2 kg	
Mains connection	230 V, 50 Hz	

Delivery incl. basic unit without turntable. Please order required turntables separately.

Model SB 2

With fixed set speed

Type	Art. No.	Pack Qty.
SB 2	Y549.1	1 unit(s)

Model SB 3

With variable speed control, digital speed display and timer function

Type	Art. No.	Pack Qty.
SB 3	Y550.1	1 unit(s)

Accessories turntables for rotators SB 2 and SB 3

Stuart.

Designation	Art. No.	Pack Qty.
40 reaction vials 1,5/2,0 ml	Y551.1	1 unit(s)
20 sample vials Ø 9-20 mm	Y552.1	1 unit(s)
12 centrifuge tubes 50 ml	Y553.1	1 unit(s)
63 culture tubes Ø 12 mm	Y554.1	1 unit(s)
63 culture tubes Ø 16 mm	Y555.1	1 unit(s)



Overhead mixers, rotators

Accessories double holder for 2 turntables

Stuart.

Allows the simultaneous use of 2 turntables.
Please order required turntable separately.

Designation	Art. No.	Pack Qty.	
Double holder	XK80.1	1 unit(s)	



Rotator Genie®

Scientific Industries.

Overhead rotator for mixing specimens in reaction vials, culture tubes, test tubes etc.

- Easy, tool-free platform replacement
- The platforms can be loaded from both sides (assuming they are loaded evenly)

Technical specifications:

Art. No.	PH63.1	PH64.1
Type	With standard platform	With magnetic platform
Speed range	5 to 35 rpm	
Shaking surface area	260 x 260 mm	292 x 292 mm
W x D x H, external	400 x 290 x 400 mm	
Weight	5.2 kg	
Mains connection	230 V, 50/60 Hz	

Model with standard platform

(1) with rubber bands for versatile fastening of a variety of vials and tubes with max. diameter from 85 mm. Fastening clamps in the middle of the platform to adjust the length of the bands.

(2) The standard platform attaches variably to the mixer at an angle of 90°. Various mixing actions are possible thanks to the flexible attachment system and different tube placements.

Delivery incl. 8 rubber bands.

Pic.	Type	Art. No.	Pack Qty.	
(1)	With standard platform	PH63.1	1 unit(s)	

(3) Model with magnetic platform

Mounts for tubes and other specimens can be attached to the magnetic plate (please order mounts separately).

Pic.	Type	Art. No.	Pack Qty.	
(3)	With magnetic platform	PH64.1	1 unit(s)	



Accessories additional platforms for Rotator Genie®

Scientific Industries.

Designation	Art. No.	Pack Qty.	
Standard platform with 8 rubber straps	PH65.1	1 unit(s)	
Magnetic platform	PH66.1	1 unit(s)	

Accessories for Rotator Genie®, Roto-Shake Genie® and Enviro-Genie®

Scientific Industries.

Designation	Art. No.	Pack Qty.	
Holder with 12 clips for tubes-Ø from 10 to 13 mm	P519.1	6 unit(s)	
Holder with 6 clips for tubes-Ø from 15 to 17 mm	P520.1	6 unit(s)	
Holder with 3 clips for tubes-Ø from 28 to 30 mm	P521.1	6 unit(s)	
Magnetic strip for bags, 75 x 75 mm	P522.1	16 unit(s)	

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