

# Миксеры верхнеприводные, ротаторы CARL ROTH

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# Rotators with accessories



## Multifunction mixer Genie® Roto-Shake

Scientific Industries.

The universally applicable shaker with rocking, rotational and shaking motion. Depending on the positioning of the vials, different mixing movements can be attained: rotating, tilting/shaking, tilting/rotating, tilting/rolling, rotating/rolling as well as a combination of these movements. The moving part consists of a double-sided, magnetic stainless steel plate 34 x 20 cm.

Easy to operate, **change-over from rotating to tilting movement as with a single hand movement.** Holders for vials with a diameter of 10 to 13 mm, 15 to 17 mm, or 28 to 30 mm or magnetic strips for holding the bags 75 x 75 mm can be placed on the magnetic plates.

### Technical specifications:

Art. No.	P518.1
Type	Roto-Shake Genie®
Rotating	5 - 35 rpm
Tilting	10 to 70 cycles per min
Vibrating angle	±10 °
Shaking surface area	340 x 200 mm
W x D x H, external	508 x 252 x 267 mm
Permissible ambient conditions	0 to 38 °C at 85% RH
Weight	11.8 kg

**Delivery incl.** 1 multifunction mixer Roto-Shake Genie®, 1 holder with 12 clips for tubes-Ø 10 to 13 mm, 1 holder with 6 clips for tubes-Ø 15 to 17 mm, 1 holder with 3 clips for tubes-Ø 28 to 30 mm, 4 magnetic strips for 2 bags 75 x 75 mm, 1 shaker platform (203 x 305 mm) with anti-slip mat for Petri dishes, etc.

Type	Art. No.	Pack Qty.
Roto-Shake Genie®	P518.1	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)



## Rotator STR 4

Stuart.

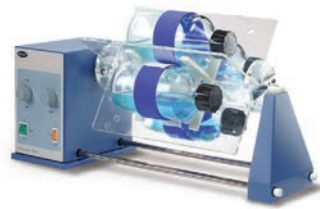
Supplied with various rotary modules for different applications.

### Technical specifications:

Art. No.	X466.1
Type	STR 4
Rotation speed	6-60 rpm
Timer	10 to 60 min or continuous operation
W x D x H, external	650 x 250 x 250 mm
Weight	6.4 kg
Mains connection	230 V, 50 Hz

**Delivery incl.** basic unit without rotary module. Please order rotary module separately.

Type	Art. No.	Pack Qty.
STR 4	X466.1	1 unit(s)



## Accessories rotary module for containers for rotator STR4

Stuart.

For fastening 4 containers (bottles, cans) with an adjustable velcro-fastener belts.

- With 4-fold partitioned holders made of acrylic glass.
- Maximum container dimensions: length 300 mm, Ø 120 mm
- Maximum load: 5000 g

Designation	Art. No.	Pack Qty.
Container rotary module	X472.1	1 unit(s)



# Rotators with accessories



## Accessories sample tubes rotary module for rotator STR4

Stuart.

Four different clip holders can be attached to the clip-holders.

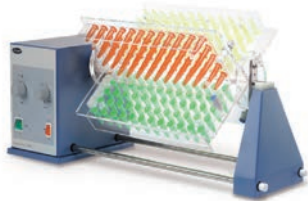
**Delivery incl.** rotary module without clip holders, please order separately.

Designation	Art. No.	Pack Qty.	
Rotary module for sample tubes	X467.1	1 unit(s)	

## Accessories clip holder for samples tubes rotary module

Stuart.

Designation	Art. No.	Pack Qty.	
For 12 tubes Ø 12 mm	X468.1	1 pair	
For 10 tubes Ø 16 mm	X469.1	1 pair	
For 8 tubes Ø 19 mm	X470.1	1 pair	
For 7 tubes Ø 24 mm	X471.1	1 pair	



## Accessories rotary module for reaction vials for rotator STR4

Stuart.

Comprises 4 racks each for 60 x 15 ml reaction vials.

Designation	Art. No.	Pack Qty.	
Rotary module for reaction vials	X473.1	1 unit(s)	



## Multifunction mixer Enviro Genie® temperature-controllable

Scientific Industries.

Mixing, stirring and tempering units for 5 different applications: **cooling – incubating – rotating – tilting/shaking – stirring**

- Easy-to-read digital display
- With large window for viewing the samples
- **Change-over from rotating to tilting movement as with a single hand movement**
- Holders for vials and other vessels, e.g. for blood and sample vials, centrifuge tubes, tissue culture bottles, staining vessels, sample bags can be placed on the magnetic platform
- **Temperature range adjustable from +4 to +75 °C**
- Visual and acoustic alarm for temperature and time
- Programmable timer function (up to 96 mins)
- **Two magnetic stirrers are integrated in the incubator**, reverse mode is possible. Max. stirring quantity per platform: 1 litre. Platform-Ø: 90 mm each.
- RS 232 port

### Technical specifications:

Art. No.	AH71.1
Type	Enviro-Genie®
Rotating	1–35 rpm
Tilting	2–70 cycles per min
Stirring	1–2000 rpm
Temperature range	+4 to +75 °C
Resolution	0,1 °C
Accuracy	±0,2 °C
W x D x H, interior	362 x 254 x 260 mm
W x D x H, external	622 x 495 x 368 mm
Vol.	24 l
Loading capacity	4.5 kg
Weight	36 kg
Mains connection	230 V, 50/60 Hz

**Delivery incl.** 1 multifunction mixer Enviro-Genie®, 1 double-sided magnetic platform (200 x 340 mm), 1 holder with 12 clips for tubes-Ø 10 bis 13 mm, 1 holder with 6 clips for tubes-Ø 15 bis 17 mm, 1 holder with 3 clips for tubes-Ø 29 bis 32 mm, 4 magnetic strips for 2 bags 15.3 x 15,3 cm, 1 wire rack, 1 shaking tray (203 x 305 mm).

Type	Art. No.	Pack Qty.	
Enviro-Genie®	AH71.1	1 unit(s)	

# Rotators with accessories



## Overhead mixer REAX 2

Heidolph.

Can be used for a variety of applications. With electronically controlled rotational speed. Two different holder can be connected. **Holder 1** for mixing up to 20 test tubes Ø 10-18 mm, please order separately.

### Technical specifications:

Art. No.	H827.1
Type	REAX 2
Speed range	20 to 100 rpm
W x D x H, external	510 x 180 x 235 mm
IP rating	21
Permissible ambient conditions	0 to 40 °C at 80% RH
Weight	5.2 kg
Mains connection	230 V, 50 Hz

**Delivery incl.** universal holder to fasten sealed vessels or test tube racks. Infinitely adjustable height between 45 and 160 mm.

Type	Art. No.	Pack Qty.
REAX 2	H827.1	1 unit(s)



## Accessories holder 1 for overhead mixer REAX 2

Heidolph.

For fastening up to 20 test tubes with Ø 10-18 mm.

Designation	Art. No.	Pack Qty.
Holder 1	H828.1	1 unit(s)



## Overhead mixer REAX 20 series

Heidolph.

Enables overhead rotation of vessels of different sizes and properties. Suitable for mixing cylinders and wide neck bottles with a length of 160 to 270 mm and diameter up to 136 mm. Ideal for water, sewage water and mud analysis in accordance with DIN 36414. Infinitely adjustable speed range.

### Technical specifications:

Art. No.	KH64.1	H830.1	KH65.1
Type	REAX 20/4	REAX 20/8	REAX 20/12
Intake capacity	4 bottle(s)	8 bottle(s)	12 bottle(s)
Speed range	1 to 16 rpm		
W x D x H, external	490 x 520 x 465 mm	770 x 520 x 465 mm	1050 x 520 x 465 mm
Permissible ambient conditions	0 to 40 °C at 80 % RH		
Weight	23 kg	28 kg	33 kg
Mains connection	230 V, 50 Hz		

**Delivery incl.** holder for 2 l bottles.

Type	Intake capacity (bottle(s))	Art. No.	Pack Qty.
REAX 20/4	4	KH64.1	1 unit(s)
REAX 20/8	8	H830.1	1 unit(s)
REAX 20/12	12	KH65.1	1 unit(s)

## Accessories fastening set for overhead mixer REAX 20 series

Heidolph.

Designation	Art. No.	Pack Qty.
Fastening set for 4 x 1.0 bottles	KH66.1	1 set
Fastening set for 4 x 0.5 l bottles	KH67.1	1 set

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