

Роллеры-миксеры CARL ROTH

Технические характеристики

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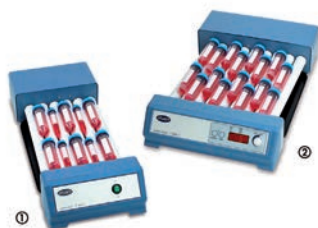
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Киргизия (996)312-96-26-47

Mixing units



Tilt/roller mixer SRT series

Stuart.

Thorough mixing results due to simultaneous roll/tilt motion.

- With collecting tray
- Rollers are easily removable to accommodate larger vessels with Ø max. 100 mm
- Removable side panels prevent tubes from falling out accidentally during operation

Two model variants with different number of rollers and speed available.

Technical specifications:

Art. No.	HA31.1	HA32.1	HA30.1	HA33.1
Type	SRT 9	SRT 6D	SRT 6	SRT 9D
Number of rollers	9	6		9
Speed range		5 to 60 rpm		5 to 60 rpm
Speed	33 rpm		33 rpm	
Speed display		digital		digital
Shaking amplitude (stroke)	16 mm			
Timer		1 s to 90 min or 1 min to 9 h		1 s to 90 min or 1 min to 9 h
Roller length	340 mm			
Roller Ø	30 mm			
W x D x H	565 x 360 x 110 mm	565 x 240 x 110 mm		565 x 360 x 110 mm
Permissible ambient conditions	4 to 60 °C at 80 % rel. humidity			
Weight	6.9 kg	5.1 kg		6.9 kg
Mains connection	230 V, 50 Hz			

Models standard

With fixed speed of 33 rpm.

Pic.	Type	Art. No.	Pack Qty.
	SRT 9	HA31.1	1 unit(s)
(1)	SRT 6	HA30.1	1 unit(s)

Digital models

With variable speed control from 5 to 60 rpm, digital speed display and timer function.

Pic.	Type	Art. No.	Pack Qty.
	SRT 6D	HA32.1	1 unit(s)
(2)	SRT 9D	HA33.1	1 unit(s)



Tilt/roller mixer Roller series

IKA.

Simultaneous rolling and tilting movement. Rollers are easily removable to accommodate larger vessels with Ø max. 185 mm.

Two models are available with different number of roller and speeds:

Technical specifications:

Art. No.	XT39.1	XT40.1	XT41.1	XT42.1
Type	6 basic	10 basic	6 digital	10 digital
Number of rollers	6	10	6	10
Speed range			5 to 80 rpm	
Speed	30 rpm			
Speed display			LED	
Timer			1 s to 99 h or continuous operation	1 s to 99.9 h or continuous operation
Roller length	325 mm			
Roller Ø	32 mm			
W x D x H	240 x 545 x 115 mm	380 x 545 x 115 mm	240 x 545 x 115 mm	380 x 545 x 115 mm
Permissible ambient conditions	4 to 50 °C at 80 % rel. humidity			
Weight	4 kg	6 kg	4 kg	6 kg
Mains connection	100–240 V, 50/60 Hz			

Delivery incl. side protection plates (prevents tube disengagement at the sides).

Basic model

With fixed speed of 30 rpm

Type	Art. No.	Pack Qty.
6 basic	XT39.1	1 unit(s)
10 basic	XT40.1	1 unit(s)

Model Digital

With variable speed control from 5 to 80 rpm, digital speed display and timer function.

Type	Art. No.	Pack Qty.
6 digital	XT41.1	1 unit(s)
10 digital	XT42.1	1 unit(s)



Mixing units



Tilt/roller mixer RM 2

Edmund Bühler.

Gentle tilting and rolling movement for complete mixing. For all standard tube sizes, bottles and other cylindrical vessels up to Ø 80 mm. LED display for speed and operating time. Powder-coated metal housing. Removable rollers and collecting tray. Speed range can be adjusted in 5° increments.

Technical specifications:

Art. No.	HYK6.1
Type	RM 2
Movement type	Tilt and roll motion
Number of rollers	6
Speed range	5 to 80 rpm
Speed display	LED
Timer	0 to 99 h, 59 min or continuous operation
Roller length	300 mm
Roller Ø	32 mm
W x D x H	244 x 465 x 115 mm
Permissible ambient conditions	5 to 45 °C at 85% RH
Weight	7,3 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. 6 plastic roller and collecting tray.

Type	Art. No.	Pack Qty.
RM 2	HYK6.1	1 unit(s)



Accessories overhead attachment for rolling mixers RM 2

Edmund Bühler.

With 12 slots for 50-ml Falcon® centrifuge tubes (slot Ø 29.5 mm) for gently rotating overhead mixing.

Designation	Art. No.	Pack Qty.
Overhead attachment	KAX7.1	1 unit(s)



Cell culture roller mixer Small bottle

DWK Life Sciences.

Capacity: 2 positions. Suitable for bottles with Ø 108 to 121 mm. Both outer rollers can be moved to the inside so that bottles with Ø 75 mm can also be accommodated. Each tier is designed to hold at least 2 bottles.

- With optional accessories, expandable to 6 positions with 2 additional tiers.
- Speed range depends on the bottle Ø:
Speed range for bottles with max. Ø 110 mm: 0.1 to 3.8 rpm

Technical specifications:

Art. No.	EPX8.1
Type	Small bottle
Max. bottle dimensions	Ø 108 to 121 mm, max. L 290 mm
Speed range	0,1 to 3,8 rpm
W x D x H	320 x 325 x 180 mm
Permissible ambient conditions	10 to 40 °C at 80 % RH
Weight	8.2 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. standard roller system for 2 bottles. Expansions kit for additional flasks, please order separately.

Type	Art. No.	Pack Qty.
Small bottle	EPX8.1	1 unit(s)



Accessories extension kit (tiers) for Small-Bottle roller mixers

DWK Life Sciences.

For extension with max. 2 additional platforms as 2nd and 3rd tiers. Each tier must be ordered separately.

Designation	Art. No.	Pack Qty.
Extension kit	EPX9.1	1 unit(s)

Mixing units



Cell culture roller mixer Mini-bottle

DWK Life Sciences.

Capacity: 4 positions. Specially designed for mixing and stirring small quantities in bottles. For serum bottles (from 30 ml), media bottles (100 to 125 ml) and culture tubes (38 x 200 mm). Each tier is designed to hold at least 4 bottles.

- With optional accessories, expandable to 12 positions with 2 additional tiers.
- Speed range depends on the bottle Ø:
speed range for bottles with max. Ø 38 mm: 3 to 45 rpm
speed range for bottles with max. Ø 60 mm: 2 to 30 rpm

Technical specifications:

Art. No.	EPX7.1
Type	Mini-bottle
Max. bottle dimensions	Ø 38 to 60 mm, max. L 240 mm
W x D x H	320 x 325 x 180 mm
Permissible ambient conditions	10 to 40 °C at 80% RH
Weight	8 kg
Mains connection	100–240 V, 50/60 Hz

Delivery incl. standard roller system for 4 bottles. Expansions kit for additional flasks, please order separately.

Type	Art. No.	Pack Qty.
Mini-bottle	EPX7.1	1 unit(s)



Accessories extension kit (tiers) for Mini-Bottle roller mixers

DWK Life Sciences.

For extension with max. 2 additional platforms as 2nd and 3rd tiers. Each tier must be ordered separately.

Designation	Art. No.	Pack Qty.
Extension kit	EYH1.1	1 unit(s)



Rocker and 3D shakers RS series

Phoenix Instrument.

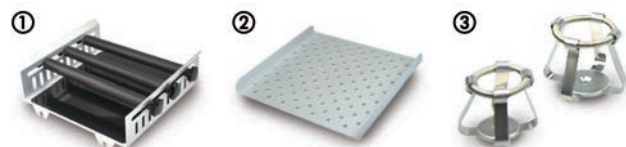
- Continuous speed adjustment
- With optional tray for Erlenmeyer flasks or with additional universal tray for adaptation to all types of vial through infinitely adjustable clamping rolls (please order desired tray separately)

Technical specifications:

Art. No.	HEH4.1	HEH5.1
Type	RS-RS 5	RS-DS 5
Movement type	seesaw	circular 3D rocking movement
Speed range	to 80 rpm	
Tilt angle	7 °	
Shaking surface area	240 x 240 mm	
W x D x H	270 x 330 x 110 mm	
Loading capacity	3 kg	
Permissible ambient conditions	4 to 40 °C at 80 % RH	
Weight	2.9 kg	3.2 kg
Mains connection	100–240 V, 50/60 Hz	

Delivery incl. tray top with 6 fixing bands.

Pic.	Type	Art. No.	Pack Qty.
(1)	RS-RS 5	HEH4.1	1 unit(s)
(2)	RS-DS 5	HEH5.1	1 unit(s)



Accessories for RS series platform shakers

Phoenix Instrument.

(1) Universal attachment

Loading options: E.g. 6 x 250 ml Erlenmeyer flasks.

Delivery incl. 3 adjustable tension rollers.

Designation	Art. No.	Pack Qty.
Universal attachment	CAY0.1	1 unit(s)

(2) Spring clip attachment

For shaking of Erlenmeyer flasks. With holes for individual placement of spring clips.

Delivery without spring clips, please order separately.

Designation	Art. No.	Pack Qty.
Spring clip attachment	CAY1.1	1 unit(s)

(3)

Designation	Art. No.	Pack Qty.
Spring clip for 25 ml flasks (max. 18)	CAY2.1	1 unit(s)
Spring clip for 50 ml flasks (max. 18)	CAY3.1	1 unit(s)
Spring clip for 100 ml flasks (max. 9)	CAY4.1	1 unit(s)
Spring clip for 250 ml flasks (max. 6)	CAY5.1	1 unit(s)
Spring clip for 500 ml flasks (max. 4)	CAY6.1	1 unit(s)

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