

Центрифуги с аксессуарами CARL ROTH

Технические характеристики

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Centrifuges with accessories



Accessories for Universal 320 / 320 R

Hettich.

(1) Microlitre rotor type 1552

- Max. capacity 24 x 1.5/2.0 ml
- High output: max. 15,000 rpm, max. RZB 24900 x g

Designation	Art. No.	Pack Qty.	
Microlitre rotor type 1552	EC42.1	1 unit(s)	

(2) 8-fold oscillating rotor type 1617 (45°) for centrifuge tubes 50 ml

Additional adapters are required for centrifuge tubes 50 ml with conical base (29 x L 115 mm).

Max. speed 4,000 rpm, max. RZB 2469 x g (for Rotofix 32 A),
max. speed 5,000 rpm, max. RZB 3875 x g (for Universal 320/320R).

Delivery without adapter for centrifuge tubes 15 ml (Ø 17 x L 120 mm), please order separately.

Designation	Art. No.	Pack Qty.	
8-fold angle rotor, type 1617	EC36.1	1 unit(s)	

Designation	Art. No.	Pack Qty.	
Adapter for centrifuge tubes 15 ml to rotor type 1670	EC37.1	1 unit(s)	

(3) 2-fold oscillating rotor for microtitration plates type 1460/1453

- Incl. 2 hangers for 8 microlitre plates (L 128 x W 86 x H 15 mm)
- Max. speed 4,000 rpm, max. RZB 2218 x g

Designation	Art. No.	Pack Qty.	
2-fold oscillating rotor type 1460/1453	EC43.1	1 unit(s)	

(4) 4-fold oscillating rotor type 1494 (90°) for tubes

- Max. capacity 4 x 50 ml
- Max. speed 5,000 rpm, max. RZB 4165 x g

Delivery without insertion beaker and adapter for tubes, please order separately. 4 round cups and adaptors are required for operation are required for operation.

Designation	Art. No.	Pack Qty.	
4-fold oscillating rotor type 1494	EC44.1	1 unit(s)	

Designation	Art. No.	Pack Qty.	
Insert beaker type 1427 for rotor type 1494	EC45.1	1 unit(s)	

Accessories adapter for insert beakers type 1427

Hettich.

Technical specifications:

Art. No.	EE32.1	EC46.1	EC47.1
Nominal volume	15 ml		50 ml
Number of vessels per rotor	24	4	
Max. vessels per adapter	6 unit(s)	1 unit(s)	
Max. vessel length	100 mm	120 mm	115 mm
Max. vessel Ø	17 mm		29 mm
Bottom shape	round	conical	
Additional data	Standard	Type Falcon®	

For insert beakers

Designation	Art. No.	Pack Qty.	
Adapter for 15 ml vessels	EE32.1	1 unit(s)	
Adapter for 15 ml vessels type Falcon®	EC46.1	1 unit(s)	
Adapter for 50 ml vessels type Falcon®	EC47.1	1 unit(s)	



Centrifuges with accessories



Benchtop centrifuge Megafuge 8 series

Thermo.

General information for all models:

- 2 profiles configurable for fast or gentle acceleration and deceleration times
- Optional display of revolutions in rpm or x g
- Safe rotor-changing at the touch of a button (without additional tools) for quick changeover between various applications and easy cleaning
- 3 program memory with one-touch key, with naming option
- Direct, brushless induction motor
- Illuminated display
- Text messages in various languages: German, English, French, Spanish, Russian, Italian and Dutch
- **Annual inspection acc. to BGR 500 recommended**

Technical specifications:

Art. No.	NN26.1	APT4.1
Type	Medifuge 8	Megafuge 8R
Max. speed (in microlitre rotor)	14,000 rpm	
Additional data	Speed can be adjusted in increments of 100 rpm	
Maximum RCF	21693 x g	
Minimum speed	300 rpm	
Minimum RCF	10 x g	
Timer function	9 h, 99 min / continuous operation / Quick-Run	
W x D x H	460 x 480 x 310 mm	370 x 670 x 320 mm
Temperature adjustment range		-10 - +40 °C
Weight	35 kg	71 kg
Mains connection	230 V, 50/60 Hz	

Delivery without rotor, please order separately. Please note: Additional transport costs apply for delivery to the place of use. We will be happy to inform you of these on request.

In vitro diagnostic medical device according to IVDD

Model Megafuge 8, non-cooled

- Air-cooled or without cooling function

Type	Art. No.	Pack Qty.	
Medifuge 8	NN26.1	1 unit(s)	

Model Megafuge 8 R, cooled

- With cooling functions
- Infinitely adjustable from -10 to +40 °C in increments of 1 °C
- Precool function

Type	Art. No.	Pack Qty.	
Megafuge 8R	APT4.1	1 unit(s)	



Accessories for centrifuge Megafuge® 8/8R

Thermo.

(1) Oscillating rotor TX-150 (90°) - cell culture kit

For centrifuging 15-ml or 50-ml vessels of type Falcon®.

- Max. capacity 8 x 50 ml
- Max. speed 4,500 rpm, max. RZB 3260 x g

Delivery incl. 4 oval beakers suitable for 8 vials 50 ml type Falcon® (no adapter necessary) and 8 adapter for vials 15 ml type Falcon®.

Designation	Art. No.	Pack Qty.	
Oscillating rotor TX-150, cell culture kit	NN27.1	1 unit(s)	

(2) 30-fold microlitre rotor MicroClick (45°) for 30 x 1.5/2 ml reaction vials

- Max. capacity 30 x 1.5/2.0 ml
- Max. speed 14,000 rpm, max. RZB 21693 x g

Delivery incl. aerosol-tight lid.

Designation	Art. No.	Pack Qty.	
MicroClick microlitre rotor	NN28.1	1 unit(s)	

(3) Microtitration plate rotor M-10

- For 4 standard microtitration plates or 2 Midi-Deepwell plates
- Max. speed 4,400 rpm, max. RZB 2576 x g
- **An M-10 rotor and two open carriers are required for operation (please order both products separately)**

Designation	Art. No.	Pack Qty.	
Microtitration plate rotor M-10	NN31.1	1 unit(s)	

Accessories Open carrier for microtitration plate rotor of centrifuge Megafuge® 8/8R

Thermo.

Designation	Art. No.	Pack Qty.	
Open carrier	NN32.1	2 unit(s)	

(4) Fixed angle rotor HIGHConic III (45°)

- Max. capacity 6 x 50 ml
- Max. speed 8700 min⁻¹, max. RZB 10155 x g
- **Rotor is suitable for 50 ml vials of the type Falcon® without adaptor**

Delivery incl. aerosol-tight screw lid.

Designation	Art. No.	Pack Qty.	
Fixed angle rotor HIGHConic III	NN33.1	1 unit(s)	

Centrifuges with accessories

Accessories adapter for fixed angle rotor HIGHConic III

Thermo.

Technical specifications:

Art. No.	NN34.1	NN35.1	NN36.1
Nominal volume	15 ml	16 ml	1.5 ml
Required number of adapters per rotor	6		
Number of vessels per rotor	6		12
Max. vessel length	123 mm		11 mm
Max. vessel Ø	17 mm	18 mm	40 mm
Bottom shape	conical	round	conical
Additional data	Type Falcon®	Standard	Reaction vials

Designation	Art. No.	Pack Qty.	
Adapter for 15-ml vessels, type Falcon®	NN34.1	2 unit(s)	
Adaptor for 16 ml round bottom tubes	NN35.1	2 unit(s)	
Adapter for 1.5/2.0 ml reaction vials	NN36.1	2 unit(s)	



Benchtop centrifuge ST1 Plus series

Thermo.

General information for all models:

- 6 program presets with speed buttons
- Multilingual display of programming steps, run conditions, alarms and servicing information
- Selection of 9 acceleration profiles and 10 braking profiles
- Optional display of revolutions in rpm or x g
- **Easy, toolless** insertion and exchange of the rotors with only one press of a button
- **Electronic** imbalance detection
- Motor-operated lid lock
- **Annual inspection acc. to BGR 500 recommended**

Technical specifications:

Art. No.	XP77.1	XP78.1
Type	ST1 Plus	ST1R Plus
Max. speed (in microlitre rotor)	15,200 rpm	
Additional data	Speed can be adjusted in increments of 100 rpm	
Maximum RCF	25830 x g	
Minimum speed	300 rpm	
Minimum RCF	17 x g	
Adjustment range	-10 to +40 °C	
Timer function	1 min to 9 h, 99 min / continuous operation / Quick-Run	
W x D x H	445 x 660 x 364 mm	625 x 660 x 364 mm
Weight	61 kg	94 kg
Mains connection	230 V, 50/60 Hz	

Delivery without rotor, please order separately. Please note: Additional transport costs apply for delivery to the place of use. We will be happy to inform you of these on request.

Not a medical device / Not an IVD product

Model ST1 Plus, non-cooled

- Air-cooled or without cooling function

Type	Art. No.	Pack Qty.	
ST1 Plus	XP77.1	1 unit(s)	

Model ST1R Plus, cooled

- With cooling functions
- Infinitely adjustable from -10 to +40 °C in increments of 1 °C
- Precool function

Type	Art. No.	Pack Qty.	
ST1R Plus	XP78.1	1 unit(s)	



Centrifuges with accessories



Accessories oscillating rotor TX-400 (90°) for ST1/ST1R Plus

Thermo.

- Max. capacity 4 x 400 ml
- Max. speed 5,000 rpm RZB 4696 x g

Delivery without round beaker, lid and adapter for tubes (please order separately). 4 round cups and 4 adaptors are required for operation.

Designation	Art. No.	Pack Qty.	
Oscillating rotor TX-400	XP79.1	1 unit(s)	

Accessories for oscillating rotor TX-400 to centrifuge STR1/R Plus

Thermo.

Designation	Art. No.	Pack Qty.	
Round cup for TX-400	XP80.1	4 unit(s)	
ClickSeal lid for round cups	XP81.1	4 unit(s)	



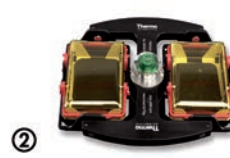
Accessories adapter for round beaker suitable for oscillating rotor TX-400

Thermo.

Technical specifications:

Art. No.	XP82.1	XP83.1	XP84.1	XP85.1
Nominal volume	15 ml	50 ml	25 ml	250 ml
Required number of adapters per rotor	4			
Number of vessels per rotor	36	16	12	4
Max. vessel length	121 mm	116 mm	110 mm	135 mm
Max. vessel Ø	17 mm	29.5 mm	25 mm	62 mm
Bottom shape	conical		round	
Additional data	Type Falcon®		Universal tubes	Oak-Ridge bottles

Designation	Art. No.	Pack Qty.	
Adapter for 15-ml vessels, type Falcon®	XP82.1	4 unit(s)	
Adapter for 50-ml vessels type Falcon®	XP83.1	4 unit(s)	
Adaptor for 25 ml universal tubes	XP84.1	4 unit(s)	
Adaptor for 250 ml Oak Ridge bottle	XP85.1	4 unit(s)	



Accessories for benchtop centrifuge STR1/R Plus

Thermo.

(1) 30-fold angle rotor for reaction vials Mikro 1.5/2.0 ml

- **Aerosol tight**
- Max. capacity 30 x 1.5/2.0 ml
- High output: max. 15,200 rpm max. RZB 25830 x g

Delivery incl. aerosol-tight lid.

Designation	Art. No.	Pack Qty.	
Microtitre rotor type 30 x 2	XP86.1	1 unit(s)	

(2) Microtitration plate rotor M-20

- For 2 x 3 standard microtitration plates or 2 x 1 deepwell plates
- Max. speed 4,000 rpm, max. RZB 2272 x g
- Max. H 65 mm

Delivery incl. 2 supports and 2 adaptors, but without lid (if a lid is required, an additional support set with lid must be ordered separately).

Designation	Art. No.	Pack Qty.	
Microtitration plate rotor M-20	XP89.1	1 unit(s)	

Accessories aerosol-tight carrier set with lid for Microtitration plate rotor M-20 suitable for centrifuge STR1/R Plus

Thermo.

Microtitration plates max. H 45 mm.

Designation	Art. No.	Pack Qty.	
Aerosol-tight support set	XP90.1	2 unit(s)	

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