

Центрифуги микролитровые CARL ROTH

Технические характеристики

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Россия (495)268-04-70

Казахстан (772)734-952-31

Киргизия (996)312-96-26-47



Microtitre centrifuges



Mini centrifuge ROTILABO®

Carl ROTH.

With insert for **6 reaction vials** 1.5/2.0 ml. Maximum speed **6000 min⁻¹** (equivalent to 2000 x g). **Small, compact and powerful. Start and stop** is controlled via an **additional switch**.

With transparent polycarbonate lid. The centrifuge is delivered with adapter for 0.5 ml reaction vials. Dimensions: H 120 x W 130 x D 150 mm. Weight 494 g. power connection 220 V, 50/60 Hz.

Delivery incl. adapter for 0.5 ml reaction vials.

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
Mini-centrifuge with standard rotor	T464.1	1 unit(s)	



Mini centrifuge ROTILABO® with butterfly rotor

Carl ROTH.

With insert for PCR vessel strips from 2 x 8 reaction vials à 200 µl per strip. Maximum speed **6000 rpm** (equivalent to 2000 x g). **Small, compact and powerful. Start and stop** is controlled via an **additional switch**. With transparent polycarbonate lid. Dimensions: H 120 x W 130 x D 150 mm. Weight 494 g. power connection 220 V, 50/60 Hz.

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
Mini centrifuge with butterfly rotor	T465.1	1 unit(s)	



Mini centrifuge with Rotor slides

Labnet International.

For fast slide drying, e.gB. for microarray examinations. Suitable for microarray slides 25 x 76 x 1 mm. Dries microarray substrate in less than 10 s.

- Rotor capacity: 2 slides
- Liquid is retained in the slide cassettes
- Cassettes can be removed for cleaning or replaced when necessary
- Max. speed 4,000 rpm (500 to 850 x g)
- Space-saving, compact unit (Ø 127 mm)

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
Mini centrifuge	AH48.1	1 unit(s)	



Mini centrifuge ROTILABO® Uni-fuge

Carl ROTH.

- Replaceable rotor system (effortless insertion and removal of the rotors included in delivery)
- **Start and stop is controlled via an additional switch**
- Small, compact and powerful
- With transparent PC lid

Technical specifications:

Art. No.	CX73.1
Type	Uni-Fuge
Max. capacity	6 x 1.5/2.0 ml reaction vials
Max. speed (in microlitre rotor)	6,000 rpm
Maximum RCF	2000 x g
W x D x H	130 x 150 x 120 mm
Weight	494 g
Mains connection	220 V, 50/60 Hz

Delivery incl. standard rotor for reaction vials 6 x 1.5/2.0 ml, adapter for reaction vials 0.5 ml and one rotor for PCR® vessel strips with 2 x 8 reaction vials à 200 µl per strip.

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
Uni-Fuge	CX73.1	1 unit(s)	

Microlitre centrifuges



Mini centrifuge mini G

IKA.

- Max. capacity: 8 x 1.5/2.0 ml reaction vials
- Rotor interchangeable without tools
- **Digital display for operating time (adjustable from 1 to 99 min)**

Technical specifications:

Art. No.	XT15.1
Type	mini G
Max. capacity	8 x 1.5/2.0 ml reaction vials
Max. speed (in microlitre rotor)	6,000 rpm
Maximum RCF	2000 x g
W x D x H	155 x 175 x 105 mm
Mains connection	230 V, 50/60 Hz

Delivery incl. standard rotor for reaction vials 8 x 1.5/2.0 ml and one rotor for PCR® vessel strips with 4 x 8 reaction vials à 200 µl per strip and adapters for reaction vials 0.5/0.4/0.2 ml.

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
mini G	XT15.1	1 unit(s)	



Mini centrifuge Sprout® Plus

Heathrow Scientific.

- Max. capacity: 6 x 1.5/2.0 ml reaction vials
- Rotor can be replaced without tools
- Power button for start/stop
- ABS housing
- Five-year warranty

Technical specifications:

Art. No.	1HAC.1	1HAE.1
Type	Green Sprout	Blue Sprout
Max. capacity	6 x 1.5/2.0 ml reaction vials	
Maximum speed	6,000 rpm	
Maximum RCF	2000 x g	
W x D x H	109 x 153 x 128 mm	
Mains connection	100–240 V, 50/60 Hz	

Delivery incl. standard rotor for 6 x 1.5/2.0 ml reaction vials, rotor for PCR® tube strips with 2 x 8 reaction vials of 200 µl per strip, adapters for 0.5/0.2 ml reaction vials, rotor storage box and reaction vial stands with 16 slots.

Not a medical device / Not an IVD product

Pic.	Type	Art. No.	Pack Qty.	
(1)	Green Sprout	1HAC.1	1 unit(s)	
(2)	Blue Sprout	1HAE.1	1 unit(s)	



Microtitre centrifuges



Microtitre centrifuge ROTILABO® Gusto®

ROTH SELECTION.

- Max. capacity: 12 x 1.5/2.0 ml reaction vials
- Digital display of speed and running time
- Actual status display during operation
- Pulse button for short spin
- Optional display of rpm or x g
- Rotor changing without tools
- 5 years warranty

Technical specifications:

Art. No.	XP51.1
Type	Gusto®
Max. capacity	12 x 1.5/2.0 ml reaction vials
Max. speed (in microlitre rotor)	12,500 rpm
Additional data	Speed can be adjusted in increments of 100 rpm
Maximum RCF	9800 x g
Minimum speed	500 rpm
Timer function	1 s to 30 min, adjustable in increments of 1 s per short cycle
W x D x H	171 x 203 x 114 mm
Mains connection	100–240 V, 50/60 Hz

Delivery incl. 12-place microlitre rotor with lid, PCR® tube strip rotor for 4 x 8 tube strips à 200 µl per strip and 12 adaptors for 0.5 and 0.2 ml reaction vials.

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
Gusto®	XP51.1	1 unit(s)	



Microtitre centrifuge MagFuge® with magnetic stirrer

Heathrow Scientific.

2-in-1 centrifuge. For twelve 1.5/2.0 ml reaction vials or for six 5 ml reaction vials, with integrated magnetic stirrer for stirring capacities up to max. 3 l.

- Digital display of speed and running time
- With imbalance switch-off and safety cover lock
- Magnetic stirrer rotor can be set to rotate clockwise or anti-clockwise
- Rotor changing without tools
- 5 years warranty

Technical specifications:

Art. No.	KHC9.1
Type	MagFuge®
Max. capacity	12 x 1.5/2.0 ml reaction vials or 6 x 5 ml reaction vials
Maximum speed	12,500 rpm
Additional data	Speed adjustable in increments of 25 rpm
Maximum RCF	9783 x g
Minimum speed	500 rpm
Timer function	30 sec to 60 min in 5 sec increments
W x D x H	180 x 235 x 120 mm
Weight	1,85 g
Mains connection	100–240 V, 50/60 Hz

Magnetic stirrer technical specifications:

Max. stirring capacity (H ₂ O)	3 l
Speed	50 to 2500 min ⁻¹
Magnetic stirrer plate	Ø 130 mm
Magnetic stirrer operating time	30 sec to 60 min in 5 sec increments or continuous operation

Delivery incl. microlitre rotor for 12 x 1.5/2.0 ml reaction vials, rotor for 6 x 5 ml reaction vials, rotor for magnetic stirrer function, 12 adaptors for 0.2/0.5 ml reaction vials, 2 x silicone mats for the magnetic stirrer rotor, 2 x magnetic bars (L 40 x Ø 12).

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
MagFuge®	KHC9.1	1 unit(s)	

Microlitre centrifuges



Microlitre centrifuge CD-2012 high speed

Phönix Instrument.

Features:

- Max. capacity: 12 x 1.5/2.0 ml reaction vials
- Illuminated display of speed and running time
- Optional display of rpm or x g
- Impulse button for short spinning of samples

Technical specifications:

Art. No.	HEA7.1
Type	CD-2012 high speed
Max. speed (in microlitre rotor)	15,000 rpm
Additional data	Speed can be adjusted in increments of 100 rpm
Maximum RCF	15100 x g
Minimum speed	500 rpm
Timer function	30 s to 99 min, adjustable in steps of 1 s / continuous operation / short cycle
W x D x H	260 x 140 x 250 mm
Weight	6 kg
Mains connection	100–240 V, 50/60 Hz

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
CD-2012 high speed	HEA7.1	1 unit(s)	



Microlitre centrifuge G-L

IKA.

- Max. capacity 12 x 1.5/2.0 ml reaction vials
- Display of speed and operating time
- Optional display of rpm or x g
- Nine programme memory locations
- Tool-free rotor replacement
- Unbalance sensor, quick stop

Technical specifications:

Art. No.	KEE7.1
Type	Microlitre centrifuge G-L
Max. speed (in microlitre rotor)	15,700 rpm
Additional data	Adjustable in increments of 100
Maximum RCF	16 500 x g
Minimum speed	800 rpm
Timer function	20 s to 99 min/short cycle (pulse key)
W x D x H	200 x 280 x 140 mm
Weight	3,9 kg
Mains connection	220–230 V, 50/60 Hz

Delivery incl. metal rotor with lid for 12 x 1.5/2.0 ml vials.

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	
Microlitre centrifuge G-L	KEE7.1	1 unit(s)	

Accessories for microlitre centrifuge G-L

IKA.

Rotor and lid for 2 x 8 PCR strips suitable for microlitre centrifuge G-L

Designation	Art. No.	Pack Qty.	
Rotor and lid for 2 x 8 PCR strips à 200 µl per strip	KEE8.1	1 unit(s)	

Adaptor sleeves for 0.5 ml reaction vials suitable for microlitre centrifuge G-L

Designation	Art. No.	Pack Qty.	
Adaptor sleeves for 0.5 ml reaction vials	KEE9.1	6 unit(s)	

Adaptor sleeves for 0.2 ml reaction vials suitable for microlitre centrifuge G-L

Designation	Art. No.	Pack Qty.	
Adaptor sleeves for 0.2 ml reaction vials	KEH0.1	6 unit(s)	



Microlitre centrifuges



Microlitre centrifuge MIKRO 185

Hettich.

Sample preparation for molecular biological applications, as well as in the PCR laboratory and much more.

- Max. capacity 24 x 1.5/2.0 ml reaction vials
- Adjustment of centrifuging time, rpm or RCF by means of membrane keyboard

Technical specifications:

Art. No.	ANP9.1
Type	MIKRO 185
Max. capacity	24 x 1.5/2.0 ml reaction vials
Max. speed (in microlitre rotor)	14,000 rpm
Additional data	Speed can be adjusted in increments of 10 rpm
Maximum RCF	18845 x g
Minimum speed	500 rpm
Timer function	1 to 99 min / continuous duty / short cycle (pulse key)
W x D x H	261 x 353 x 228 mm
Weight	11 kg
Mains connection	200–240 V, 50/60 Hz

Delivery without microlitre rotor, please order separately.

In vitro diagnostic medical device according to IVDD

Type	Art. No.	Pack Qty.	
MIKRO 185	ANP9.1	1 unit(s)	



Accessories microlitre rotor for centrifuge MIKRO 185

Hettich.

24-tube microlitre rotor (45°) type 1226

- For Reaction vials 24 x 1.5/2.0 ml
- Max. speed 14,000 rpm, max. RZB 18845 x g

Delivery incl. lid with bio-seal, phenol-resistant and autoclavable.

Designation	Art. No.	Pack Qty.	
24-fold microlitre rotor type 1226	ANT0.1	1 unit(s)	

12-tube microlitre rotor (45°) type 1252

- For Reaction vials 12 x 1.5/2.0 ml
- Max. speed 14,000 rpm, max. RZB 15558 x g

Delivery incl. lid.

Designation	Art. No.	Pack Qty.	
12-fold microlitre rotor type 1252	ANT1.1	1 unit(s)	

18-tube microlitre rotor (45°) for Spin Column Kits type 1213

- For Mikro Spin Column Kits 18 x 1.5/2.0 ml (micro vials with filter insert)
- Max. speed 14,000 rpm, max. RZB 16654 x g

Delivery incl. lid type 1246 with bio-seal.

Designation	Art. No.	Pack Qty.	
18-fold microlitre rotor type 1213	ANT2.1	1 unit(s)	

Microlitre centrifuges



Microlitre centrifuge CD-3124R cooled

Phönix Instrument.

- **Max. capacity: 24 x 1.5/2.0 ml reaction vials**
- Continuously adjustable from -20 to +40 °C
- Pre-cooling system
- Nine programme memory locations
- Optional display of rpm or x g
- Selection of nine acceleration profiles and nine braking profiles
- Backlit LCD display
- Safety: Locking lid, speed monitoring system and overheating protection

Technical specifications:

Art. No.	1H4H.1
Type	CD-3124R
Max. capacity	24 x 1.5/2.0 ml reaction vials
Max. speed (in microlitre rotor)	15,000 rpm
Additional data	Speed can be adjusted in increments of 100 rpm
Maximum RCF	21380 x g
Minimum speed	200 rpm
Timer function	30 s to 99 min./continuous operation/pulse key
W x D x H	340 x 560 x 290 mm
Temperature adjustment range	-20 - +40 °C
Weight	30 kg
Mains connection	220-240 V, 50 Hz

Not a medical device / Not an IVD product

Delivery incl. 24-fold microlitre rotor, 1.5/2.0 ml, made of aluminium and aerosol-tight lid.

Type	Art. No.	Pack Qty.	
CD-3124R	1H4H.1	1 unit(s)	

Accessories rotor for microlitre centrifuge CD-3124R

Phönix Instrument.

(1) 12-fold microlitre rotor for 5 ml reaction vials

Increases the number of separated nucleic acid samples. For 5 ml reaction vials with max. Ø 17.5 x H 63 mm.

Delivery incl. aerosol-tight lid.

Designation	Art. No.	Pack Qty.	
12-fold microlitre rotor for 5 ml reaction vials	1H4N.1	1 unit(s)	

(2) 36-fold angle rotor for 0.5 ml reaction vials

Increased throughput for smaller reaction vials.

Delivery incl. aerosol-tight lid.

Designation	Art. No.	Pack Qty.	
36-fold angle rotor for 0.5 ml reaction vials	1H4P.1	1 unit(s)	

(3) 4 x 8 PCR rotor tube strips, w. 200 µl p.strip

Centrifugation of PCR tube strips, max. 4 x 8 reaction vials with 200 µl per strip in one run.

Delivery incl. aerosol-tight lid.

Designation	Art. No.	Pack Qty.	
4 x 8 PCR rotor tube strips, with 200 µl per strip	1H4T.1	1 unit(s)	

Accessories adapter for microlitre centrifuge CD-2012 and CR-3124R

Phönix Instrument.

Designation	Art. No.	Pack Qty.	
for reaction vials 0.2 ml	HEA8.1	24 unit(s)	
for reaction vials 0.5 ml	HEA9.1	24 unit(s)	



Microlitre centrifuges



Microlitre centrifuge

Thermo.

General information for all models:

- **Max. capacity: 24 x 1.5/2.0 ml reaction vials**
- Available as 17 000 x g- and 21 100 x g version
- Optional display of rpm or x g
- Speed increase in increments of 100
- Various sets available with different rotors, e.g. a two-row rotor for holding 18 x 1.5/2.0 ml and 18 x 0.5 ml reaction vials

Technical specifications:

Art. No.	HE09.1	HE10.1	HE11.1	HE12.1	HE13.1	HE14.1
Type	Pico® 17	Fresco® 17	Pico® 21	Fresco® 21	Pico® 21 set	Fresco® 21 set
Max. capacity	24 x 1.5/2.0 ml reaction vials					
Max. speed (in microlitre rotor)	13,300 rpm		14,800 rpm			
Additional data	Speed can be adjusted in increments of 100 rpm					
Maximum RCF	17000 x g		21100 x g			
Minimum speed	300 rpm					
Timer function	1 to 99 min / continuous operation / Quick Run					
W x D x H	225 x 352 x 243 mm	300 x 445 x 295 mm	243 x 352 x 243 mm	330 x 445 x 295 mm	225 x 352 x 243	330 x 445 x 295
Temperature adjustment range		-9 - +40 °C		-9 - +40 °C		-9 - +40 °C
Mains connection	230 V, 50/60 Hz					

In vitro diagnostic medical device according to IVDD

Standard - air-cooled or without cooling function

Delivery incl. 24 x 1.5/2.0 ml rotor with aerosol-tight ClickSeal lid.

Type	Art. No.	Pack Qty.	
Pico® 17	HE09.1	1 unit(s)	
Pico® 21	HE11.1	1 unit(s)	

Cooling centrifuges

- Cooled microlitre centrifuge, adjustable in increments of 1 °C
- With standstill cooling

Delivery incl. 24 x 1.5/2.0 ml rotor with aerosol-tight ClickSeal lid.

Type	Art. No.	Pack Qty.	
Fresco® 17	HE10.1	1 unit(s)	
Fresco® 21	HE12.1	1 unit(s)	

Sets with 2 rotors

Pico: Air-cooled or without cooling function

Fresco: with cooling function, adjustable in increments of 1 °C

Delivery incl. 24 x 1.5/2.0 ml rotor with aerosol-tight ClickSeal lid and two-tier 18 x 0.5 ml and 18 x 1.5/2.0 ml rotor with screw lid.

Type	Art. No.	Pack Qty.	
Pico® 21 set	HE13.1	1 unit(s)	
Fresco® 21 set	HE14.1	1 unit(s)	

Accessories adapter sleeves for centrifuge Pico®, Fresco® and STR1/R Plus

Thermo.

Designation	Art. No.	Pack Qty.	
Adapter sleeves for reaction vials 0.4 ml/0.25 ml	X119.1	24 unit(s)	
Adaptor sleeves for 0.2 ml reaction vials	X121.1	24 unit(s)	
Adaptor sleeves for 0.5 ml reaction vials	X118.1	24 unit(s)	

Accessories microlitre rotor 10-fold for 5 ml reaction vials suitable for centrifuge Pico® and Fresco®

Thermo.

Designation	Art. No.	Pack Qty.	
10-place microlitre rotor for 5 ml reaction tubes with aerosol-tight ClickSeal lid	HAA9.1	1 unit(s)	

Microlitre centrifuges



Microlitre centrifuge MIKRO series

Hettich.

General information for all models:

- **Max. capacity:** 24 x 1.5/2.0 ml reaction vials
- Motorised lid lock
- Parameter entry via foil keyboard
- Actual status display during operation
- Pulse button for short spin
- Open-lid button
- RZB button
- Safety: lid catch, emergency unlock, motor overheating protection and unbalance switch-off

Technical specifications:

Art. No.	AA69.1	AA70.1
Type	MIKRO 200 classic	MIKRO 200 R cooled
Max. capacity	24 x 1.5/2.0 ml reaction vials	
Max. speed (in microlitre rotor)	15,000 rpm	
Additional data	Speed can be adjusted in increments of 100 rpm	
Maximum RCF	21382 x g	
Minimum speed	500 rpm	
Timer function	1 to 99 min / permanent / brief operation	
W x D x H	275 x 344 x 260 mm	281 x 553 x 260 mm
Temperature adjustment range		-10 - +40 °C
Min. temperature at max. speed		+4 °C
Weight	11.5 kg	28.5 kg
Mains connection	220–240 V, 50/60 Hz	

Delivery without rotor, please order separately.

In vitro diagnostic medical device according to IVDD

Model MIKRO 200 classic, non-cooled

Air-cooled or without cooling function:

Type	Art. No.	Pack Qty.
MIKRO 200 classic	AA69.1	1 unit(s)

Model MIKRO 200 R cooled

- With cooling functions
- Infinitely adjustable from -10 to +40 °C in increments of 1 °C
- Pre-cooling function (to +4 °C in 10 to 5 min)
- Stand-by cooling maintains the desired temperature
- Automatic switch-off of cooling when the lid is opened or after a selectable time

Type	Art. No.	Pack Qty.
MIKRO 200 R cooled	AA70.1	1 unit(s)

Accessories for centrifuges MIKRO 200/200 R

Hettich.

Angle rotor for max. 24 reaction vials 1.5/2.0 ml
50°-angle.

Delivery incl. aerosol-tight lid (autoclavable).

Designation	Art. No.	Pack Qty.
Angle rotor for 24 x 1.5/2.0 ml	AA71.1	1 unit(s)

For centrifuges MIKRO 185 and MIKRO 200/200 R adapter sleeves

Designation	Art. No.	Pack Qty.
Adaptor sleeves for 0.2 ml reaction vials	AA67.1	6 unit(s)
Adaptor sleeves for 0.5 ml reaction vials	Y059.1	6 unit(s)

For centrifuges MIKRO 185 and MIKRO 200/200 R adapter sleeves for reaction vials 1.5 ml, conical

Positive reduction, recommended for high-speed centrifuging.

Designation	Art. No.	Pack Qty.
Adaptor sleeve, tapered, for 1.5 ml vials	AA68.1	6 unit(s)



Benchtop centrifuge MIKRO series

Hettich.

General information for all models:

- 9 braking and start-up ramps as well as unbraked run-out possible
- Memory capacity for 10 programs
- Automatic rotor detection
- Optional display of rpm or x g when entering the rotor radius
- Window for viewing in the lid
- Metal housing
- Safety features: Emergency unlocking device, motor overheating protection, unbalance switch-off

Technical specifications:

Art. No.	LE07.1	LE08.1
Type	MIKRO 220 classic	MIKRO 220 R cooled
Max. speed (in microlitre rotor)	18,000 rpm	
Additional data	Speed can be adjusted in increments of 10 rpm	
Maximum RCF	31514 x g	
Minimum speed	500 rpm	
Minimum RCF	24 x g	
Timer function	1 to 99 min / continuous operation / pulse button	
W x D x H	330 x 420 x 313 mm	330 x 650 x 313 mm
Temperature adjustment range		-20 - +40 °C
Weight	21 kg	42 kg
Mains connection	220–240 V, 50/60 Hz	

Delivery without rotor, please order separately.

In vitro diagnostic medical device according to IVDD

Model MIKRO 220 classic, non-cooled

- Air-cooled or without cooling function

Type	Art. No.	Pack Qty.
MIKRO 220 classic	LE07.1	1 unit(s)

Model MIKRO 220 R, cooled

- Cooled centrifuge
- Infinitely adjustable from -20 to +40 °C in increments of 1 °C
- Precool function

Type	Art. No.	Pack Qty.
MIKRO 220 R cooled	LE08.1	1 unit(s)



Microlitre centrifuges



Accessories for centrifuge MIKRO 220 / 220 R

Hettich.

(1) 24-fold microlitre rotor type 1195-A

- Max. capacity 24 x 1.5/2.0 ml reaction vials
- High output: max. 18,000 rpm, max. RZB 31514 x g

Delivery incl. lid.

Designation	Art. No.	Pack Qty.	
24-fold microlitre rotor type 1195-A	LE09.1	1 unit(s)	

(2) 30-tube microlitre rotor type 1189-A

- Max. capacity 30 x 1.5/2.0 ml reaction vials
- High output: max. 14,000 rpm, max. RZB 21255 x g

Delivery incl. lid.

Designation	Art. No.	Pack Qty.	
30-tube microlitre rotor type 1189-A	LE10.1	1 unit(s)	

(3) 6-fold tubes angle rotor type 1016 (only for MIKRO 220 R, Art. No. LE08.1)

- Rotor only suitable for MIKRO 220 R (Art. No. LE08.1)
- Max. capacity 3 x 50 ml
- Max. speed 6,000 rpm, max. RZB 3783 x g

Delivery without adapter for tubes, please order separately.

Designation	Art. No.	Pack Qty.	
6-fold tubes angle motor	LE13.1	1 unit(s)	

Accessories adapter for angle rotor of centrifuges MIKRO 220/220R and EBA 280 suitable for rotor type 1016 and type 1137

Hettich.

Technical specifications:

Art. No.	LE14.1	LE15.1	LE16.1
Nominal volume	15 ml		50 ml
Required number of adapters per rotor	6		3
Max. vessels per adapter	6 unit(s)		3 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®	

Designation	Art. No.	Pack Qty.	
Adapter for 15 ml standard test tubes	LE14.1	1 unit(s)	
Adapter for 15-ml tubes type Falcon®	LE15.1	1 unit(s)	
Adapter for 50-ml tubes type Falcon®	LE16.1	1 unit(s)	