

Центрифуги с аксессуарами CARL ROTH серии Mini, H, D, RK, DT

Технические характеристики

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Ultrasonic baths

Ultrasonic cleaning unit Mini

Emag.

For cleaning spectacles, instruments and other small parts. Plastic housing with vibration tank made of 1.4301 stainless steel.

- Timer (1, 3, 5, 7 or 9 min selectable)
- Operating frequency approx. 42 kHz



Technical specifications:

Art. No.	EXH1.1
Type	Mini 0.5 l ultrasonic cleaning unit
Vol.	0.5 l
Inner tub length	160 mm
Inner tub width	90 mm
Inner tub height	50 mm
Inner basket length	140 mm
Inner basket width	70 mm
Inner basket height	40 mm
Outer length	193 mm
Outer width	120 mm
Outer height	123 mm
Operating frequency	42 kHz
Peak ultrasonic output	40 W
Mains connection	220–240 V, 50/60 Hz

Delivery incl. plastic lid and basket.

Not a medical device / Not an IVD product

Type	Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.	
Mini 0.5 l ultrasonic cleaning unit	0.5	193	120	123	EXH1.1	1 unit(s)	

Ultrasonic cleaning unit Mini with heating

Emag.

For cleaning small parts. Housing and vibration tank made of 1.4301 stainless steel.

- Timer for 1 to 15 minutes or continuous operation
- Heating is adjustable up to approx. 80 °C
- Operating frequency approx. 45 kHz



Technical specifications:

Art. No.	CLL5.1
Type	Mini 0.8 l ultrasonic cleaning unit with heater
Vol.	0.8 l
Inner tub length	180 mm
Inner tub width	90 mm
Inner tub height	50 mm
Inner basket length	178 mm
Inner basket width	85 mm
Inner basket height	40 mm
Outer length	200 mm
Outer width	110 mm
Outer height	160 mm
Operating frequency	45 kHz
Peak ultrasonic output	60 W
Heating output	120 W
Mains connection	220–240 V, 50/60 Hz

Delivery incl. stainless steel lid and basket.

Not a medical device / Not an IVD product

Type	Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.	
Mini 0.8 l ultrasonic cleaning unit with heater	0.8	200	110	160	CLL5.1	1 unit(s)	

Ultrasonic baths

Ultrasonic cleaning unit H-series

Emag.

Compact universal cleaning units for cleaning laboratory utensils and for speeding up dissolution.

Housing and vibration tank made of 1.4301 stainless steel.



Features:

- Timer for 1 to 60 minutes or continuous operation
- Heating is adjustable up to approx. 80 °C
- Operating frequency approx. 45 kHz
- Models H 30 to H 120 with drain valve

Technical specifications:

Art. No.	CPK5.1	CPK6.1	CPK7.1	CPK8.1	CPK9.1
Type	H 22	H 30	H 40	H 60	H 120
Vol.	1.65 l	2.6 l	3.55 l	5.3 l	9 l
Inner tub length	240 mm		300 mm		500 mm
Inner tub width	140 mm		150 mm		135 mm
Inner tub height	65 mm	100 mm		150 mm	
Inner basket length	220 mm		280 mm	285 mm	480 mm
Inner basket width	120 mm		140 mm		120 mm
Inner basket height	50 mm	60 mm	85 mm	135 mm	
Outer length	300 mm		330 mm		600 mm
Outer width	170 mm	165 mm	175 mm		165 mm
Outer height	225 mm			290 mm	355 mm
Operating frequency	45 kHz				
Peak ultrasonic output	120 W	180 W	240 W		300 W
Heating output	150 W	180 W	200 W	250 W	350 W
Outlet valve	No	Yes			
Mains connection	220–240 V, 50/60 Hz				

Delivery incl. stainless steel lid and basket.

Not a medical device / Not an IVD product

Type	Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.	
H 22	1.65	300	170	225	CPK5.1	1 unit(s)	
H 30	2.6	300	165	225	CPK6.1	1 unit(s)	
H 40	3.55	330	175	225	CPK7.1	1 unit(s)	
H 60	5.3	330	175	290	CPK8.1	1 unit(s)	
H 120	9	600	165	355	CPK9.1	1 unit(s)	



Ultrasonic baths

Ultrasonic cleaning unit D-series

Emag.

High-performance universal cleaning units with digital display for cleaning laboratory utensils, allowing faster dissolution and degassing of fluids.

Housing and vibration tank made of 1.4301 stainless steel.

Features:

- Timer for 1 to 30 minutes or continuous operation
- Heating is adjustable up to approx. 80 °C
- Power control 50/100%
- Sweep technology
- Degas function
- Operating frequency approx. 40 kHz
- Models D 30 to D 280 with drain valve

Technical specifications:

Art. No.	CPL1.1	CPL2.1	CPL3.1	CPL5.1	CPL6.1
Type	D 30	D 40	D 60	D 130	D 280
Vol.	2.6 l	3.55 l	5.3 l	13.0 l	28.0 l
Inner tub length	240 mm	300 mm			500 mm
Inner tub width	140 mm	150 mm		240 mm	300 mm
Inner tub height	100 mm		150 mm	200 mm	
Inner basket length	220 mm	280 mm			480 mm
Inner basket width	120 mm	140 mm	135 mm	225 mm	290 mm
Inner basket height	85 mm		135 mm	180 mm	190 mm
Outer length	265 mm	330 mm			530 mm
Outer width	165 mm	175 mm		270 mm	330 mm
Outer height	225 mm		290 mm	355 mm	360 mm
Operating frequency	40 kHz				
Peak ultrasonic output	160 W		240 W	400 W	640 W
Heating output	120 W			200 W	300 W
Outlet valve	Yes				
Mains connection	220–240 V, 50/60 Hz				

Delivery incl. stainless steel lid and basket.

Not a medical device / Not an IVD product

Type	Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.	
D 30	2.6	265	165	225	CPL1.1	1 unit(s)	
D 40	3.55	330	175	225	CPL2.1	1 unit(s)	
D 60	5.3	330	175	290	CPL3.1	1 unit(s)	
D 130	13.0	330	270	355	CPL5.1	1 unit(s)	
D 280	28.0	530	330	360	CPL6.1	1 unit(s)	



Ultrasonic baths

Ultrasonic cleaning unit SONOREX

Bandelin.

- Robust stainless steel housing
- Unit frequency 35 kHz
- Protected against drips and splashes
- For the intensive and gentle cleaning of glassware, metal parts, electronic components, instruments, etc.
- For degassing liquids
- For accelerating slurry processes
- Purpose when using in the medical sector: Cleaning instruments
- For manufacturing emulsions



Delivery without basket and lid (optional), please order separately.

Medical device class I MDD

(1) SONOREX SUPER, without heating

- Timer 1 to 15 min or continuous operation

Technical specifications:

Art. No.	P390.1	P392.1	P398.1	P399.1	P401.1
Type	RK 31	RK 52	RK 106	RK 156	RK 510
Vol.	0.9 l	1.8 l	5.6 l	6.0 l	9.7 l
Inner tub length	190 mm	150 mm		500 mm	300 mm
Inner tub width	85 mm	140 mm		140 mm	240 mm
Ø Internal			240 mm		
Inner tub height	60 mm	100 mm	130 mm	100 mm	150 mm
Outer length	205 mm	175 mm		530 mm	325 mm
Outer width	100 mm	165 mm		165 mm	265 mm
Ø ext.			265 mm		
Outer height	155 mm	225 mm	270 mm	245 mm	305 mm
Operating frequency	35 kHz				
Peak ultrasonic output	240 W		480 W		640 W
Effective HF power	30 W	60 W	120 W		160 W
Outlet valve	No		Yes		
Mains connection	230 V, 50/60 Hz				

Type	Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.
RK 31	0.9	205	100	155	P390.1	1 unit(s)
RK 52	1.8	175	165	225	P392.1	1 unit(s)
RK 106	5.6			270	P398.1	1 unit(s)
RK 156	6.0	530	165	245	P399.1	1 unit(s)
RK 510	9.7	325	265	305	P401.1	1 unit(s)

SONOREX SUPER, with heating

- Timer for 1 to 15 minutes or continuous operation
- Type "H" devices with heating 30–80 °C, can be set in 5 °C increments (except for type RK 31 H: Heating fixed at 65 °C, cannot be adjusted)

Technical specifications:

Art. No.	P391.1	P393.1	P394.1	P395.1	P396.1	P397.1	P400.1	P402.1	P403.1	P404.1	P405.1
Type	RK 31 H	RK 52 H	RK 100 H	RK 102 H	RK 103 H	RK 255 H	RK 156 BH	RK 510 H	RK 514 H	RK 514 BH	RK 1028 H
Vol.	0.9 l	1.8 l	3.0 l		4.0 l	5.5 l	9.0 l	9.7 l	13.5 l	18.7 l	28.0 l
Inner tub length	190 mm	150 mm	240 mm			300 mm	500 mm	300 mm	325 mm		500 mm
Inner tub width	85 mm	140 mm				150 mm	140 mm	240 mm	300 mm		
Inner tub height	60 mm	100 mm			150 mm						200 mm
Outer length	205 mm	175 mm	260 mm			325 mm	530 mm	325 mm	355 mm		535 mm
Outer width	100 mm	165 mm	160 mm			175 mm	165 mm	265 mm	325 mm		
Outer height	155 mm	225 mm	250 mm		310 mm	305 mm	300 mm	305 mm	385 mm		400 mm
Operating frequency	35 kHz										
Peak ultrasonic output	240 W		320 W	480 W	640 W		860 W	640 W	860 W		1,200 W
Effective HF power	30 W	60 W	80 W	120 W	160 W		215 W	160 W	215 W		300 W
Outlet valve	No			Yes							
Mains connection	230 V, 50/60 Hz										

Type	Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.
RK 31 H	0.9	205	100	155	P391.1	1 unit(s)
RK 52 H	1.8	175	165	225	P393.1	1 unit(s)
RK 100 H	3.0	260	160	250	P394.1	1 unit(s)
RK 102 H	3.0	260	160	250	P395.1	1 unit(s)



Ultrasonic baths

Type	Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.	
RK 103 H	4.0	260	160	310	P396.1	1 unit(s)	
RK 255 H	5.5	325	175	305	P397.1	1 unit(s)	
RK 156 BH	9.0	530	165	300	P400.1	1 unit(s)	
RK 510 H	9.7	325	265	305	P402.1	1 unit(s)	
RK 514 H	13.5	355	325	305	P403.1	1 unit(s)	
RK 514 BH	18.7	355	325	385	P404.1	1 unit(s)	
RK 1028 H	28.0	535	325	400	P405.1	1 unit(s)	

SONOREX DIGITEC, without heating

- Membrane keyboard with clear symbols
- Timer 1 to 30 min or continuous operation
- Degas - Function switchable

Technical specifications:

Art. No.	HE28.1	HE30.1	HE32.1	HE36.1	HE37.1	HE39.1	HE41.1	HE43.1	HE46.1
Type	DT 31	DT 52	DT 100	DT 106	DT 156	DT 255	DT 510	DT 514	DT 1028
Vol.	0.9 l	1.8 l	3 l	5.6 l	6 l	5.5 l	9.7 l	13.5 l	28.0 l
Inner tub length	190 mm	150 mm	240 mm		500 mm	300 mm		325 mm	500 mm
Inner tub width	85 mm	140 mm			140 mm	150 mm	240 mm	300 mm	
Ø Internal				240 mm					
Inner tub height	60 mm	100 mm		130 mm	100 mm	150 mm			200 mm
Outer length	205 mm	175 mm	260 mm		530 mm	325 mm		355 mm	535 mm
Outer width	100 mm	165 mm	160 mm		165 mm	175 mm	265 mm	325 mm	
Ø ext.				265 mm					
Outer height	170 mm	230 mm	250 mm	270 mm	245 mm	295 mm	305 mm		400 mm
Operating frequency	35 kHz								
Peak ultrasonic output	240 W		320 W	480 W	640 W			860 W	1,200 W
Effective HF power	30 W	60 W	80 W	120 W	160 W			215 W	300 W
Outlet valve	No			Yes					
Mains connection	230 V, 50/60 Hz								

Type	Vol. (l)	Outer length (mm)	Outer width (mm)	Outer height (mm)	Art. No.	Pack Qty.	
DT 31	0.9	205	100	170	HE28.1	1 unit(s)	
DT 52	1.8	175	165	230	HE30.1	1 unit(s)	
DT 100	3	260	160	250	HE32.1	1 unit(s)	
DT 106	5.6			270	HE36.1	1 unit(s)	
DT 156	6	530	165	245	HE37.1	1 unit(s)	
DT 255	5.5	325	175	295	HE39.1	1 unit(s)	
DT 510	9.7	325	265	305	HE41.1	1 unit(s)	
DT 514	13.5	355	325	305	HE43.1	1 unit(s)	
DT 1028	28.0	535	325	400	HE46.1	1 unit(s)	

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