

SONOREX SUPER Ultrasonic Cleaning Baths, BANDELIN

SONOREX SUPER ultrasonic cleaning baths

CE marking.

For aqueous cleaning fluids.

Drip proof stainless steel housing. Timer 1-15 min and ∞. 35 kHz, Stainless steel tank.
RK 1028 CH and RK 1050 CH oscillation tanks, made of welded V4A stainless steel. From
RK 102 H above with drain ball valve. 30 – 80°C heating on H models. Fixed 65°C heating
on RK 31 H.

Type	Bath dimensions L × W × D mm	Bath volume l	HF output W _{eff}	Order No.
RK 31	190 × 85 × 60	0.9	40	96 07 21009
RK 31 H	190 × 85 × 60	0.9	40	96 07 20532
RK 52	150 × 140 × 100	1.8	60	96 07 20552
RK 52 H	150 × 140 × 100	1.8	60	96 07 20553
RK 100	240 × 140 × 100	3.0	80	96 07 21006
RK 100 H	240 × 140 × 100	3.0	80	96 07 21007
RK 102 H	240 × 140 × 100	3.0	120	96 07 23001
RK 103 H	240 × 140 × 150	4.0	140	96 07 23003
RK 106	Ø 240 × 130	5.6	120	96 07 23004
RK 156	500 × 140 × 100	6.0	160	96 07 23027
RK 156 BH	500 × 140 × 150	9.0	215	96 07 23018
RK 170 H	1000 × 200 × 200	39.0	380	96 07 23039
① RK 255 H	300 × 150 × 150	5.5	160	96 07 23007
RK 510	300 × 240 × 150	9.7	160	96 07 23026
RK 510 H	300 × 240 × 150	9.7	160	96 07 23008
RK 512 H	300 × 240 × 200	13.0	215	96 07 23024
② RK 514	325 × 300 × 150	13.5	215	96 07 23009
RK 514 H	325 × 300 × 150	13.5	215	96 07 23016
RK 514 BH	325 × 300 × 200	18.7	215	96 07 23010
RK 1028	500 × 300 × 200	28.0	300	96 07 23011
RK 1028 H	500 × 300 × 200	28.0	300	96 07 23012
RK 1028 C	500 × 300 × 300	45.0	500	96 07 23041
RK 1040	Ø 500 × 195	39.5	380	96 07 23014
RK 1050	600 × 500 × 200	58.0	600	96 07 23015
③ RK 1028 CH	500 × 300 × 300	45.0	300	96 07 23042
④ RK 1050 CH	600 × 500 × 300	90.0	600	96 07 23043



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⑤ SONOREX DIGITEC digital ultrasonic cleaning baths

- With CE mark
- 4-step operation as „plug and clean“
- „H“ units with heater for 20 to 80°C, controlled by thermostat, with LED for temperature and heating phase
- Warning LED for overheating
- Time setting 1 – 30 min or continuous operation
- Degas - freely selectable sound pulse - with LED
- Stainless steel housing, spray-water proof, IP 33 protection
- SweepTec for continuous sound field oscillation
- RC version with infrared interface

Type	Bath dimensions L x W x D mm	Bath vol. l	Ultrasonic max. output W	HF out- put W _{eff}	Order No.
DT 31	190x85x60	0.9	160	40	96 07 33200
DT 31 H	190x85x60	0.9	160	40	96 07 33220
DT 52	150x140x100	1.8	240	60	96 07 33205
DT 52 H	150x140x100	1.8	240	60	96 07 33225
DT 100	240x140x100	3.0	320	80	96 07 33210
DT 100 H	240x140x100	3.0	320	80	96 07 33230
DT 102 H	240x140x100	3.0	480	120	96 07 33235
DT 103 H	240x140x150	4.0	560	140	96 07 33201
DT 156	500x140x100	6.0	640	160	96 07 33275
DT 255	300x150x150	5.5	640	160	96 07 33215
DT 255 H	300x150x150	5.5	640	160	96 07 33240
DT 510	300x240x150	9.7	640	160	96 07 33245
DT 510 H	300x240x150	9.7	640	160	96 07 33206
DT 512 H	300x240x200	13.0	860	215	96 07 33226
DT 514	325x300x150	13.5	860	215	96 07 33250
DT 514 H	325x300x150	13.5	860	215	96 07 33211
DT 514 BH	325x300x200	18.7	860	215	96 07 33216

Top performance: To improve the effect, the ultrasound is modulated. Depending on the unit, HF performance is then increased by 4-fold, when used together with SweepTec.

Accessories as for RK units.

SONOREX DIGIPLUS DL High-power ultrasonic baths with power control

Cleaning of sensitive materials

Mixing of samples

Homogenizing of samples for HPLC

Fast degassing of solvents for HPLC

- Power control from 20 to 100%
- Heating 20 to 80°C, thermostatically adjustable, LED
- Optical signal in case of excess temperature
- Automatic short-time ultrasound during heating up period to avoid delay in boiling – switch-off possible
- Timer for countdown or continuous operation
- DEGAS – quick degassing
- SweepTec® – permanent sound field oscillation ensures even and gentle cleaning
- Automatic safety shut-down 12 hours after last keypress
- Marking of filling level for safe dosage
- Drain valve for simple emptying, one-piece welded drain bow
- Protection class IP 33 at highest possible level through liquid-tight mains cable and housing front without openings

Type	Bath dimensions L x W x D mm	Bath volume l	HF output W _{eff}	Order No.
DL 102 H	240x140x100	3.0	120	10 07 37180
DL 156 BH	500x140x150	9.0	215	10 07 37181
DL 255 H	300x150x150	5.5	160	10 07 37182
DL 510 H	300x240x150	9.7	160	10 07 37183
DL 512 H	300x240x200	13.0	215	10 07 37184
DL 514 BH	325x300x200	18.7	215	10 07 37185
DL 1028 H	500x300x200	28.0	300	10 07 37186

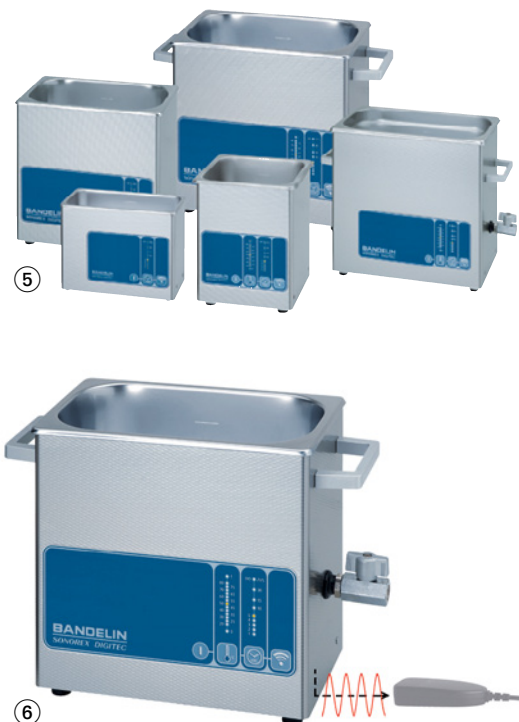
SONOREX DIGITEC DT...-RC Units with Infrared Interface

Type	Bath dimensions L x W x D mm	Bath vol. l	Ultrasonic max. output W	HF out- put W _{eff}	Order No.
⑥ DT 102 H-RC	240x140x100	3.0	480	120	10 07 33071
DT 255 H-RC	300x150x150	5.5	640	160	10 07 33081
DT 510 H-RC	300x240x150	9.7	640	160	10 07 33091
DT 514 BH-RC	325x300x200	18.7	860	215	10 07 33095

Accessories for Digitec DT...-RC Units

Article	Order No.
WINSONIC® DT remote control	10 07 33090
consisting of: software and infrared adapter IR 1	

Accessories suitable for DT 102 H-RC, DT 255 H-RC, DT 510 H-RC und DT 514 BH-RC



SONOREX accessories for ultrasonic cleaning baths

Vessels or items to be cleaned may not be placed on the bottom of the tank!

Stainless steel baskets - required accessories - for suspension in the tank.

Stainless steel equipment holder, model GH 1 for 1 liter glass columns, other equipment holders bottom with mesh size 12,5 × 12,5 mm except GH 1. **DE perforated stainless steel cover** for holding insert containers (glass, plastic stainless steel).

ES insert strips, hold 4 containers, SH 28 C strainer holder for 5 test sieves. SH 7 = test sieve holder. **Sieve inserts** fit insert containers.

Stainless steel baskets

Type	fits	Order No.	Type	fits	Order No.
K 08	RK 31/H, DT 31/H	96 07 31116	⑩ K 10	RK 510/ H, DT 510/ H DL 510 H	96 07 31105
K 1C	RK 52/H	96 07 33024	K 10B	RK 512, DL 512 H, DT	96 07 31106
⑦ K 3C	RK 100/102 H, DT, 100 H, DL 102 H	96 07 33025	K 14	RK 514/H, DT	96 07 31107
K 3CL	RK 103 H/ DT 103 H	96 07 33026	K 14B	RK 514 BH, DL 514 BH, DT	96 07 31108
K 6	RK 106/ DT 106	96 07 31103	SH 28C	RK 1028 C	96 07 31307
K 6L	RK 156/ DT 156	96 07 31104	K 28	RK 1028/H, DL 1028 H, DT	96 07 31109
K 6BL	RK 156 BH/ DT/DL 156 BH	96 07 31113	K 28C	RK 1028 CH/C, DT ...	96 07 31110
K 7	RK 170 H	96 07 31121	K 40	RK 1040	96 07 31119
K 5C	RK 255 H/DT 255/H DL 255 H	96 07 33027	K 50	RK 1050	96 07 31111
			K 50C	RK 1050 CH, DT	96 07 31112

Equipment holder

Type	fits	Order No.
⑪ GH 1	RK 52/H, RK 100/102 H, RK 103 H, 100 H, DT 102 H, DL 102 H	96 07 32009
SH 7	RK 106, DT 106	96 07 32000
⑫ GH 10	RK 510/H, DT 510 H, DL 510 H	96 07 32001
GH 28	RK 1028 H, 1040, DL 1028 H	96 07 32005

Stainless steel cover

Type	fits	Order No.	Type	fits	Order No.
D 08	RK 31/H, DT 31/H	96 07 35016	D 510	RK 510 H, RK 512 H, DT 510/H, DT 512 H, DL 510 H / 512 H	96 07 33008
D 52	RK 52/H, DT 52/H	96 07 33002	D 514	RK 514/H/BH, DT 514/H, DL 514 BH	96 07 33010
⑨ D 100	RK 100/102 H, RK 103 H, 100 H, DT 100/H, DT 102 H, DT 103 H, DL 102 H	96 07 33003	D 1028	RK 1028/H/ DT / DL 1028 H	96 07 33011
D 6	RK 106, DT 106	96 07 35005	D 1028C	RK 1028 CH, DT ...	96 07 33012
D 156	RK 156/BH, DT DL 156 BH	96 07 33004	D 40	RK 1040	96 07 35020
D 170	RK 170 H	96 07 33006	D 1050 C	RK 1050/CH, DT 1050 CH	96 07 33013
D 255	RK 255/H, DT 255/H, DL 255 H	96 07 33007			

Perforated stainless steel cover

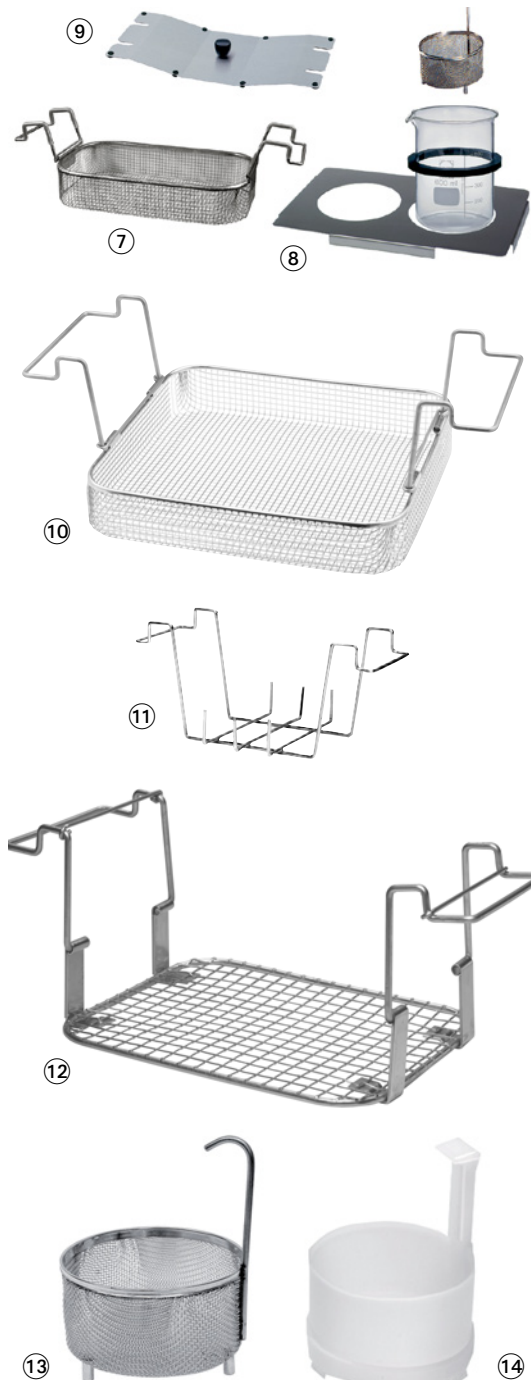
Type	fits	Order No.	Type	fits	Order No.
DE 8	RK 31/H, DT 31/H	96 07 36009	DE 510	RK 510/H, RK 512 H, DT 512 H, DT 510/H, DL 510 H / 512 H	96 07 33038
DE 52	RK 52/H, DT 52/H	96 07 33016	DE 514	RK 514/H/BH, DT ..., DL 514 BH	96 07 33039
⑧ DE 100	RK 100, RK 102 H, RK 103 H, 100 H, DT 100/H, DT 102 H, DT 103 H, DL 102 H	96 07 33017	ES 4	RK 1028/H/C/CH, RK 1050 CH, DT 1028/H/CH, DT 1050 CH, DL 1028 H	96 07 36010
DE 6	RK 106, DT 106	96 07 36004			
DE 156	RK 156/BH, DT 156, DL 156 BH	96 07 33040			
DE 255	RK 255/H, DL 255 H, DT 255/H	96 07 33028			

Insert containers

With holding ring and plastic cover, for hanging in perforated stainless steel cover or insert strip.

(Type SD 04/SD 05/KB 04 only for RK 31/H and stainless steel perforated lid DE 08).

Type	Version	Ø mm	Height mm	Volume ml	Order No.
SD 06	Glas	84	125	600	96 07 36101
PD 06	Plastic	86	125	600	96 07 36103
EB 05	Stainless steel	87	120	600	96 07 36102
SD 09	Glas	91	180	1000	96 07 36111
SD 05	Glas	76	150	600	96 07 36112
SD 04	Glas	76	110	400	10 07 31113
KB 04	Plastic	76	110	400	10 07 31114



Insert baskets

Fine mesh 1×1 mm, for small parts, for use in insert containers.

	Type	Version	fits	Ø mm	Order No.
13	KD 0	Stainless steel	SD 06/09, EB 05, PD 06	75	96 07 36202
14	PD 04	Plastic	SD 06/09, EB 05, PD 06, SD 04, KB 04	60	96 07 36204

15 Mounting clips

Made of stainless steel, for holding laboratory flasks in baskets and equipment holders, mesh size up to 12 × 12 mm.

Type	Use	Ø mm	Order No.
EK 10	for 10 ml laboratory flasks	31	96 07 37010
EK 25	for 25 ml laboratory flasks	42	96 07 37025
EK 50	for 50 ml laboratory flasks	52	96 07 37050
EK 100	for 100 ml laboratory flasks	65	96 07 37100
EK 250	for 250 ml laboratory flasks	85	10 07 37250

16 Adjustable handle

For insert baskets. One pair each.

Type	fits	Order No.
GV 3	K 6BL, K 1C, K 3C, K 3CL, K 5C	96 07 32879
GV 10	K 10, K 10B, K 14, K 14B, K 28, K 28C	96 07 32892

Plastic baskets

Perforated, for cleaning delicate parts.

Type	fits	Order No.
PK 1 C	RK 52/H/DT, 52/H	96 07 33046
PK 2 C	RK 100 H, 102 H, 103 H /DT/DL	10 07 33082
PK 3 C	RK 103 H, DT 103 H	10 07 33047
K 5P	RK 255 H/DT, 255/H/ DL 255 H	96 07 33104

Plastic basins

With cover, for acoustic irradiation of acids, for removal of aggressive residues.

Type	fits	Order No.
KW 3	DT/RK 100/H, 102 H, 103 H, DL 102 H	96 07 38100
KW 5	DT/RK 255 H, DL 255 H	96 07 38101
KW 10-0	DT/RK 510/H, DL 510 H	96 07 38110
KW 14	DT/RK 514/H	96 07 38102
KW 14 B	DT/RK 514 BH, DL 514 BH	96 07 38103
17 KW 28-0	DT/RK 1028/CH/H, DL 1028 H	96 07 38104
KW 50-0	RK 1050	96 07 38105
KW 50B-0	DT/RK 1050 CH	10 07 38106

SONOREX special accessories for ultrasonic cleaners in medical applications

Stainless steel basket holder

For insert baskets, KT 14 for K 14 EM (1/2 DIN basket).

Type	fits	Order No.
KT 14	RK 514/H, DT...	96 07 38314
KT 30	RK/DT 1028/H	10 07 38330

Stainless steel insert baskets

4 × 4 mm mesh width, for placement on a holder

Type	fits	Order No.
18 K 14 EM	RK 514/H, DT...	96 07 38300
K 29 EM	RK 1028/H, DT...	96 07 38302

Silicone studded mats

For hanging baskets or insert baskets, for non-contact placement of instruments, especially micro instruments.

Type	fits	Order No.	Type	fits	Order No.
SM 3 K 3 C		96 07 38503	SM 14 K 14/K 14 EM		96 07 38514
SM 5 K 5 C		96 07 38505	SM 29 K 28/K 29 EM		96 07 38529
SM 6 K 6 L/K 6 BL		96 07 38506			

Holding clips

FE 12 - firmly holds endoscope accessories. Fits all baskets.

Article	Order No.
Holding clips set FE 12	96 07 38500

