

# Prices 2025

## Content

SONOREX smart ST Ultrasonic baths.....	2-3	SONOBOARD Ultrasonic baths .....	22
SONOREX SUPER RK Ultrasonic baths .....	4	Accessories.....	23
SONOREX DIGITEC DT Ultrasonic baths .....	5-6	BactoSonic 14.2 Ultrasonic special bath .....	24
SONOREX DIGIPLUS DL Ultrasonic baths.....	6	SONOREX TECHNIK RM Ultrasonic baths .....	25
SONOREX ZE / DT Ultrasonic baths .....	7	SONOREX TECHNIK RM ... ST Ultrasonic baths.....	26
Insert baskets .....	8-9	SONOREX TECHNIK ZM Ultrasonic baths.....	26
Utensil holders, Frames for foil test .....	9	Insert baskets.....	27
Lids, Hinged lids .....	10	Lids .....	27
Positioning lids, Inset beakers, Inset sieve baskets .....	11	SONOREX TECHNIK	
Insert tubs.....	12	Supplementary equipment and peripheral units .....	28-30
Special accessories for industry .....	12	SONOREX TECHNIK RL 70.2 UH Ultrasonic bath.....	30
Special accessories for fire protection field .....	12	SONOREX TECHNIK W 65 / W 300 Ultrasonic baths .....	31
Special accessories for laboratories .....	13	SONOREX TECHNIK L 220 / L 320 Ultrasonic baths.....	32
Special accessories for medical and dental field .....	14	SONOREX Ultrasonic bath CNp 28-2 / L.....	33
SONOREX Ultrasonic bath PR 140 DH.....	15	TICKOPUR Cleaning agents .....	34
SONOSHAKE Ultrasonic bath with shaking device .....	15	STAMMOPUR / TICKOMED	
LABOCOOL Recirculating Chiller LC 400 .....	16	Cleaning and Disinfection agents.....	35
SONOCOOL Ultrasonic bath with cooling .....	17	SONOPULS Ultrasonic homogenisers .....	36-37
SONOMIC Ultrasonic bath .....	18	Accessories.....	38-39
Accessories and Consumables .....	19	LABOCOOL Recirculating Chiller LC 200.....	41
TRISON 4000.2 Ultrasonic baths.....	20	SONOREX TECHNIK Sonoreactors.....	42-43
Accessories and Consumables .....	21	Accessories.....	43



**NEW** **SONOREX** *smart*



### SONOREX *smart* ST

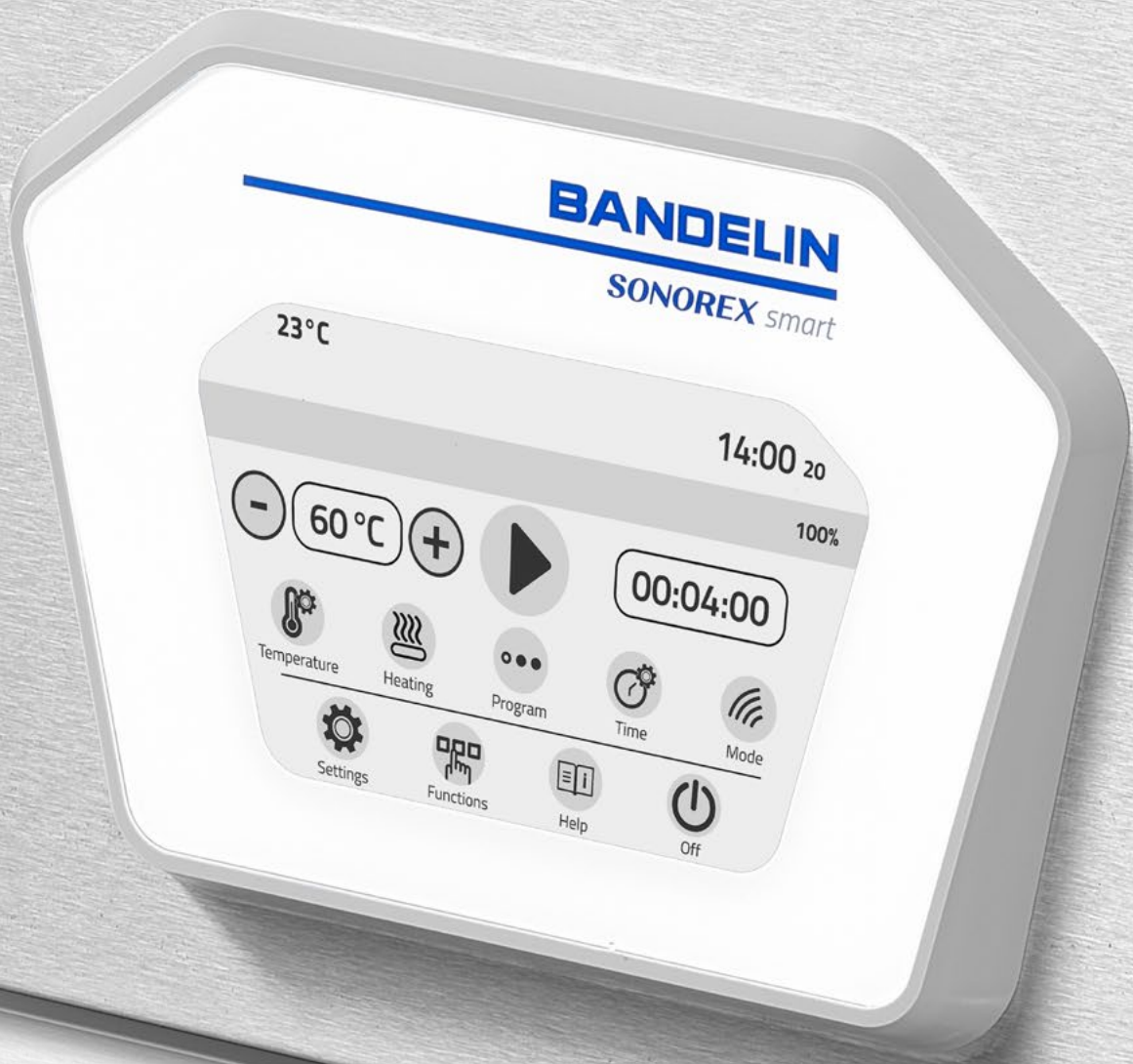
Ultrasonic baths, housing made of stainless steel, stepless time setting 1 s to 8 h in 1-s steps, up to 10 individual programmes can be saved, heating 20–80 °C, warning in case of overtemperature, dry run protection of heating, DEGAS, SweepTec, pulse function, interval, ECO modus, safety shut-down after 8 h without using. Mains supply 230 V~ (± 10 %), alternatively 115 V~ (± 10 %), 50/60 Hz.

Type	Internal tank dimensions l x w x d [mm]	Capacity [l]	Code No	Price [€]	External dimensions l x w x h [mm]	Outlet ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power** [W]	Heating power [W]	Current consumption** [A]	Weight net [kg]
ST 102 H	240 × 140 × 100	3,0	7100	<b>1.458,00</b>	260 × 160 × 250	G ¼	480	120	140	1,2	4,4
ST 103 H	240 × 140 × 150	4,0	7101	<b>1.519,00</b>	325 × 160 × 300	G ¼	560	140	200	1,5	4,5
ST 255 H	300 × 150 × 150	5,5	7104	<b>1.690,00</b>	325 × 175 × 300	G ¼	640	160	280	2,0	5,1
ST 156 BH	500 × 140 × 150	9,0	7102	<b>2.065,00</b>	530 × 165 × 300	G ¼	860	215	600	3,6	7,5
ST 510 H	300 × 240 × 150	9,7	7105	<b>1.892,00</b>	325 × 265 × 300	G ½	640	160	400	2,5	7,9
ST 514 H	325 × 300 × 150	13,5	7106	<b>2.609,00</b>	355 × 325 × 300	G ½	860	215	600	3,6	8,8
ST 514 BH	325 × 300 × 200	18,7	7107	<b>2.625,00</b>	355 × 325 × 350	G ½	860	215	600	3,6	10,3
ST 1028 H	500 × 300 × 200	28,0	7108	<b>3.397,00</b>	535 × 325 × 400	G ½	1200	300	1300	7,0	15,1
ST 170 H	1000 × 200 × 200	39,0	7103	<b>5.471,00</b>	1050 × 250 × 400	G ½	1520	380	1600	8,7	26,5
ST 1028 CH	500 × 300 × 300	45,0	7109	<b>4.476,00</b>	540 × 340 × 500	G ½	1200	300	1450	7,7	23,8
ST 1050 CH	600 × 500 × 300	90,0	7110	<b>6.637,00</b>	640 × 540 × 500	G ½	2400	600	1950	11,1	37,5

### Accessorie

DST 01	Dongle for Smart-devices	7120	<b>234,00</b>	105 × 115 × 35	Docking station with USB-A, USB-B and Ethernet connection.
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\*corresponds to 4 times ultrasonic nominal power \*\*in case of 230 V ~ (± 10 %), 50/60 Hz



**BANDELIN**

SONOREX smart

23°C

14:00 20

100%

- 60°C +



00:04:00



Temperature



Heating



Program



Time



Mode



Settings



Functions



Help



Off





## SONOREX SUPER RK

Ultrasonic baths, housing made of stainless steel, drip-proof, time switch 1 to 15 min and ∞, 'H'-types with heating 30–80 °C, RK 31 H with heating fixed at 65 °C. Pulse function, SweepTec. Mains supply 230 V~(± 10 %), alternatively 115 V~ (± 10 %), 50/60 Hz.

Type	Internal tank dimensions l × w × d [mm]	Capacity [l]	Code No.	Price [€]	External dimensions l × w × h [mm]	Outlet ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Current consumption** [A]	Weight net [kg]
RK 31			329	<b>388,00</b>		–	160	40	–	0.2	2.2
RK 31 H	190 × 85 × 60	0.9	7523	<b>456,00</b>	205 × 100 × 180	–	160	40	70	0.5	2.3
RK 52			311	<b>675,00</b>		–	240	60	–	0.3	2.5
RK 52 H	150 × 140 × 100	1.8	164	<b>860,00</b>	175 × 165 × 230	–	240	60	140	0.9	2.6
RK 100			301	<b>747,00</b>		–	320	80	–	0.4	3.2
RK 100 H			312	<b>907,00</b>		–	320	80	140	1.0	3.4
RK 102 H	240 × 140 × 100	3.0	303	<b>1.293,00</b>	260 × 160 × 250	G ¼	480	120	140	1.2	4.1
RK 103 H	240 × 140 × 150	4.0	326	<b>1.319,00</b>	260 × 160 × 310	G ¼	560	140	200	1.5	4.3
RK 106	∅ 240 × 130	5.6	306	<b>1.146,00</b>	∅ 265 × 270	G ¼	480	120	–	0.6	5.2
RK 156	500 × 140 × 100	6.0	305	<b>1.351,00</b>	530 × 165 × 245	G ¼	640	160	–	0.7	6.0
RK 156 BH	500 × 140 × 150	9.0	646	<b>1.818,00</b>	530 × 165 × 300	G ¼	860	215	600	3.6	7.3
RK 170 H	1000 × 200 × 200	39.0	7506	<b>4.757,00</b>	1050 × 250 × 385	G ½	1520	380	1600	8.7	26.2
RK 255			3066	<b>1.218,00</b>		G ¼	640	160	–	0.7	4.8
RK 255 H	300 × 150 × 150	5.5	316	<b>1.484,00</b>	325 × 175 × 295	G ¼	640	160	280	2.0	5.0
RK 510			327	<b>1.351,00</b>		G ½	640	160	–	0.7	7.2
RK 510 H	300 × 240 × 150	9.7	321	<b>1.665,00</b>	325 × 265 × 300	G ½	640	160	400	2.5	7.4
RK 512 H	300 × 240 × 200	13.0	795	<b>2.196,00</b>	325 × 265 × 350	G ½	860	215	400	2.7	8.3
RK 514			277	<b>1.944,00</b>		G ½	860	215	–	1.0	8.5
RK 514 H	325 × 300 × 150	13.5	207	<b>2.276,00</b>	355 × 325 × 305	G ½	860	215	600	3.6	8.8
RK 514 BH	325 × 300 × 200	18.7	263	<b>2.351,00</b>	355 × 325 × 385	G ½	860	215	600	3.6	9.8
RK 1028			322	<b>2.642,00</b>		G ½	1200	300	–	1.4	14.0
RK 1028 H	500 × 300 × 200	28.0	324	<b>3.067,00</b>	535 × 325 × 400	G ½	1200	300	1300	7.0	14.7
RK 1028 C	500 × 300 × 300	45.0	661	<b>4.039,00</b>	540 × 340 × 500	G ½	2000	500	–	2.2	24.5
RK 1028 CH	500 × 300 × 300	45.0	143	<b>3.913,00</b>	540 × 340 × 500	G ½	1200	300	1450	7.7	23.4
RK 1040	∅ 500 × 195	39.5	319	<b>3.719,00</b>	∅ 540 × 500	G ½	1520	380	–	1.7	19.4
RK 1050	600 × 500 × 200	58.0	323	<b>4.591,00</b>	640 × 540 × 425	G ½	2400	600	–	2.7	30.0
RK 1050 CH	600 × 500 × 300	90.0	184	<b>5.800,00</b>	640 × 540 × 530	G ½	2400	600	1950	11.1	35.9

\*corresponds to 4 times ultrasonic nominal power \*\*in case of 230 V ~ (± 10 %), 50/60 Hz





## SONOREX DIGITEC DT

Ultrasonic baths, housing made of stainless steel, timer for 1, 2, 3, 4, 5, 10, 15, 30 min and ∞, 'H' types with heating 20 – 80 °C and optical signal in case of excess temperature. **DEGAS**, Pulse function, SweepTec. Mains supply 230 V~ (± 10 %), alternatively 115 V~ (± 10 %), 50/60 Hz.

Type	Internal tank dimensions l x w x d [mm]	Capacity [l]	Code No.	Price [€]	External dimensions l x w x h [mm]	Outlet ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Current consumption** [A]	Weight net [kg]		
DT 31	190 × 85 × 60	0.9	3200	474,00	205 × 100 × 180	–	160	40	–	0.2	2.0		
DT 31 H			3220	541,00								0.5	2.3
DT 52	150 × 140 × 100	1.8	3205	682,00	175 × 165 × 230	–	240	60	–	0.3	2.4		
DT 52 H			3225	867,00								0.9	2.5
DT 100	240 × 140 × 100	3.0	3210	760,00	260 × 160 × 250	–	320	80	–	0.4	3.2		
DT 100 H			3230	914,00								1.0	3.3
DT 102 H			3235	1.307,00									
DT 103 H	240 × 140 × 150	4.0	3201	1.332,00	260 × 160 × 310	G ½	560	140	200	1.5	4.2		
DT 106	∅ 240 × 130	5.6	3270	1.161,00	∅ 265 × 270	G ½	480	120	–	0.6	5.2		
DT 156	500 × 140 × 100	6.0	3275	1.365,00	530 × 165 × 245	G ½	640	160	–	0.7	6.0		
DT 156 BH	500 × 140 × 150	9.0	3221	1.837,00	530 × 165 × 300	G ½	860	215	600	3.6	7.2		
DT 255	300 × 150 × 150	5.5	3215	1.233,00	325 × 175 × 295	G ½	640	160	–	0.7	4.8		
DT 255 H			3240	1.498,00								2.0	4.8
DT 510	300 × 240 × 150	9.7	3245	1.365,00	325 × 265 × 300	G ½	640	160	–	0.7	7.3		
DT 510 H			3206	1.680,00								2.5	7.4
DT 512 H	300 × 240 × 200	13.0	3226	2.204,00	325 × 265 × 350	G ½	860	215	400	2.7	8.2		
DT 514	325 × 300 × 150	13.5	3250	1.956,00	355 × 325 × 305	G ½	860	215	–	1.0	8.5		
DT 514 H			3211	2.289,00								3.6	8.7
DT 514 BH	325 × 300 × 200	18.7	3216	2.363,00	355 × 325 × 385	G ½	860	215	600	3.6	9.8		
DT 1028	500 × 300 × 200	28.0	3255	2.662,00	535 × 325 × 400	G ½	1200	300	–	1.4	13.9		
DT 1028 H			3231	3.082,00								7.0	14.6
DT 1028 CH	500 × 300 × 300	45.0	3266	3.926,00	540 × 340 × 500	G ½	1200	300	1450	7.7	23.3		
DT 1050 CH	600 × 500 × 300	90.0	3271	5.821,00	640 × 540 × 530	G ½	2400	600	1950	11.1	37.0		

## SONOREX DIGITEC DT 1058 M

Ultrasonic bath with temperature monitoring and inclined tank bottom

DT 1058 M	600 × 400 × 200/ 220+	50,0	304120	5.727,00	670 × 470 × 400	G ¾	2400	600	–	2,7	29,0
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\*corresponds to 4 times ultrasonic nominal power \*\*in case of 230 V ~ (± 10 %), 50/60 Hz \*inclined tank bottom



**SONOREX DIGITEC DT / F**  
Ultrasonic baths with flat oscillating tanks

DT 1028 F, DL 255 H and DL 1028 H

consisting of ultrasonic bath, insert basket K 10 F and 1 l TICKOPUR R 33.

Type	Internal tank dimensions l x w x d [mm]	Capacity [l]	Code No.	Price [€]	External dimensions l x w x h [mm]	Outlet ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Current consumption** [A]	Weight net [kg]
DT 510 F	300 x 240 x 65	4.3	13242	1.484,00	325 x 265 x 195	G ½	560	140	–	0.7	5.2
DT 1028 F	500 x 300 x 65	9.5	13243	2.761,00	535 x 325 x 205	G ½	1280	320	–	1.4	9.7

**SONOREX DIGIPLUS DL**

Ultrasonic baths, housing made of stainless steel, timer for 1, 2, 3, 4, 5, 10, 15, 30 min and ∞, with power settings from 20 to 100%, 'H' types with heating 20–80 °C and optical signal in case of excess temperature, DEGAS, Pulse function, SweepTec. Mains supply 230 V~ (± 10 %), alternatively 115 V~ (± 10 %), 50/60 Hz.

DL 102 H	240 x 140 x 100	3.0	7180	1.375,00	260 x 160 x 250	G ¼	480	120	140	1.2	4.1
DL 156 BH	500 x 140 x 150	9.0	7181	1.912,00	530 x 165 x 300	G ¼	860	215	600	3.6	7.1
DL 255 H	300 x 150 x 150	5.5	7182	1.564,00	325 x 175 x 295	G ¼	640	160	280	2.0	5.3
DL 510 H	300 x 240 x 150	9.7	7183	1.752,00	325 x 265 x 300	G ½	640	160	400	2.5	7.6
DL 512 H	300 x 240 x 200	13.0	7184	2.271,00	325 x 265 x 350	G ½	860	215	400	2.7	8.0
DL 514 BH	325 x 300 x 200	18.7	7185	2.430,00	355 x 325 x 385	G ½	860	215	600	3.6	9.8
DL 1028 H	500 x 300 x 200	28.0	7186	3.147,00	535 x 325 x 400	G ½	1200	300	1300	7.0	14.7

\*corresponds to 4 times ultrasonic nominal power \*\*in case of 230 V ~ (± 10 %), 50/60 Hz





ZE 1032 DT

## SONOREX ZE / DT

### Ultrasonic baths for built-in

Oscillating tank with ultrasound generator and control unit ST 15.1 (timer 1–15 min or ∞).

ZE ... DT units with digital control unit ST 30.1 DT, timer for 1, 2, 3, 4, 5, 10, 15, 30 min and ∞ as well as temperature monitoring with optical signal in case of excess temperature. DEGAS, Pulse function, SweepTec. Mains supply 230 V~ (± 10 %), alternatively 115 V~ (± 10 %), 50/60 Hz.

#### ▪ with sonication from bottom

Type	Internal tank dimensions l × w × d [mm]	Capacity [l]	Code No.	Price [€]	External dimensions l × w × h [mm]	Outlet	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Current consumption** [A]	Weight net [kg]
ZE 1031	510 × 300 × 200/220 <sup>+</sup>	29.0	3060	4.550,00	570 × 360 × 270/290	bead	1200	300	1.4	16.3
ZE 1031 DT			3217	4.821,00		1 ½"				
ZE 1058	600 × 400 × 200/220 <sup>+</sup>	46.0	3050	5.477,00	660 × 460 × 270/290 <sup>+</sup>	bead	2400	600	2.7	22.8
ZE 1058 DT			3234	5.748,00		1 ½"				
	Drain set G 1 ½		31661	272,00	with turning knob and stainless steel stopper					

#### ▪ with sonication from bottom and side

ZE 1032	510 × 300 × 200/220 <sup>+</sup>	29.0	3075	5.366,00	570 × 404 × 270/290 <sup>+</sup>	bead	1760	440	2.0	18.7
ZE 1032 DT			3223	5.637,00		1 ½"				
ZE 1059	600 × 400 × 200/220 <sup>+</sup>	46.0	3085	5.883,00	660 × 504 × 270/290 <sup>+</sup>	bead	2400	600	2.7	23.3
ZE 1059 DT			3248	6.154,00		1 ½"				
	Drain set G 1 ½		31661	272,00	with turning knob and stainless steel stopper					

## Rinsing tanks without ultrasound for built-in

suitable for	Internal tank dimensions l × w × d [mm]	Type	Code no.	Price [€]	External dimensions l × w × h [mm]	Outlet
ZE 1031 / DT ZE 1032 / DT	510 × 300 × 200/220 <sup>+</sup>	SW 31 Z	3048	1.137,00	570 × 360 × 205/225 <sup>+</sup>	with bead 1 ½", without drain set
ZE 1058 / DT ZE 1059 / DT	600 × 400 × 200/220 <sup>+</sup>	SW 58 Z	3049	1.506,00	660 × 460 × 205/225 <sup>+</sup>	with bead 1 ½", without drain set
	Drain set G 1 ½		31661	272,00	with turning knob and stainless steel stopper	

\*corresponds to 4 times ultrasonic nominal power \*\*in case of 230 V ~ (± 10 %), 50/60 Hz + inclined tank bottom

series ZE: dimensions without ultrasound generator, external dimensions of the ultrasound generators 360 × 310 × 142 mm (l × w × h)

**Insert baskets**

made of stainless steel

suitable for	Type	Code No.	Price [€]	Internal dimensions l × w × d [mm]	Description	
RK 31/H, DT 31/H	K 08	209	48,00	170 × 65 × 50	Mesh size 4 × 4 mm	 K 08
RK 52/H, DT 52/H	K 1 C	3024	62,00	120 × 110 × 40	Mesh size 5 × 5 mm	
RK 100/H, RK 102 H DT 100/H, DT 102 H/H-RC DL 102 H, ST 102 H	K 3 C	3025	74,00	200 × 110 × 40	Mesh size 5 × 5 mm	 K 3 C
RK 103 H, DT 103 H, ST 103 H	K 3 CL	3026	80,00	200 × 110 × 40	Mesh size 5 × 5 mm	
RK 255/H, DT 255/H/H-RC DL 255 H, ST 255 H	K 5 C	3027	88,00	260 × 110 × 40	Mesh size 5 × 5 mm	
RK 106, DT 106	K 6	356	139,00	∅ 215 mm, 50 mm high	Mesh size 5 × 5 mm, for placement on the tank bottom	 K 6
RK 156, DT 156	K 6 L	202	235,00	460 × 100 × 50	Mesh size 5 × 5 mm	
RK 156 BH, DT 156 BH DL 156 BH, ST 156 BH	K 6 BL	629	237,00	460 × 100 × 50	Mesh size 5 × 5 mm	
RK 170 H, ST 170 H	K 7	577	613,00	950 × 150 × 50	Mesh size 12.5 × 12.5 mm	
RK 510/H, DT 510/H/H-RC DL 510 H, ST 510 H	K 10	359	209,00	250 × 195 × 50	Mesh size 5 × 5 mm	
RK 512 H, DT 512 H, DL 512 H	K 10 B	230	213,00	250 × 195 × 50	Mesh size 5 × 5 mm	
RK 514/H, DT 514/H, ST 514 H	K 14	354	230,00	275 × 245 × 50	Mesh size 5 × 5 mm	 K 14
RK 514 BH, DT 514 BH/BH-RC DL 514 BH, ST 514 BH	K 14 B	205	234,00	275 × 245 × 50	Mesh size 5 × 5 mm	
RK 1028/H, DT 1028/H DL 1028 H, ST 1028 H	K 28	358	301,00	455 × 245 × 50	Mesh size 5 × 5 mm	
RK 1028 C/CH, DT 1028 CH ST 1028 CH	K 28 C	181	308,00	455 × 245 × 50	Mesh size 5 × 5 mm	 K 28 C
RK 1028 C/CH, DT 1028 CH ST 1028 CH	K 28 CS	144	636,00	430 × 240 × 50	Mesh size 5 × 5 mm, load max. 40 kg	
RK 1040	K 40	123	446,00	∅ 480 mm, 50 mm high	Mesh size 12.5 × 12.5 mm, load max. 10 kg	 K 40
RK 1050	K 50	357	419,00	545 × 450 × 50	Mesh size 5 × 5 mm	
RK 1050 CH, DT 1050 CH ST 1050 CH	K 50 C	138	424,00	545 × 450 × 50	Mesh size 5 × 5 mm	 K 50 C
RK 1050 CH, DT 1050 CH ST 1050 CH	K 50 CS	185	841,00	530 × 445 × 50	Mesh size 12.5 × 12.5 mm, load max. 40 kg	 K 50 CS




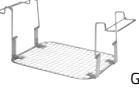

## Insert baskets

made of polyethylene, perforated bottom – for parts with sensitive surfaces

suitable for	Type	Code No.	Price [€]	Internal dimensions l x w x d [mm]	
RK 100/H, RK 102 H DT 100/H, DT 102 H/H-RC DL 102 H ST 102 H	PK 2 C	3082	62,00	187 × 90 × 56	 PK 2 C


## Utensil holders

made of stainless steel

suitable for	Type	Code No.	Price [€]	Description	
RK 52/H, RK 100/H, RK 102 H, RK 103 H, DT 52/H, DT 100/H, DT 102 H/H-R, DT 103 H DL 102 H ST 102 H, ST 103 H	GH 1	129	64,00	For laboratory flasks up to Ø 105 mm, dimensions bottom 129 × 117 mm.	 GH 1
RK 510/H DT 510/H/H-RC DL 510 H ST 510 H	GH 10	292	149,00	Dimensions bottom 260 × 200 mm	 GH 10
RK 514/H DT 514/H ST 514 H	GH 14	291	160,00	Dimensions bottom 280 × 250 mm	
RK 1028/H, RK 1040 DT 1028/H DL 1028 H ST 1028 H	GH 28	290	213,00	Dimensions bottom 455 × 250 mm	 GH 28







## Frames for foil test

made of stainless steel

suitable for	Type	Code No.	Price [€]	External dimensions l x w [mm]	
RK 31/H, RK 52/H, DT 31/H, DT 52/H	FT 1	3190	28,00	160 × 110	
RK 100/H, RK 102 H, RK 103, RK 106, RK 255/H DT 100/H, DT 102H/H-RC, DT 103, DT 106, DT 255/H/H-RC, DL 102 H, DL 255 H, ST 102 H, ST 103 H, ST 255 H	FT 4	3074	29,00	160 × 200	
RK 156/BH, DT 156/BH, DL 156 BH, ST 156 BH	FT 6	3222	35,00	220 × 410	
RK 510/H, RK 512 H, RK 514/H/BH, DT 510/H/H-RC/F, DT 512 H, DT 514H/BH/BH-RC, DL 510 H, DL 512 H, DL 514 BH, RM 16.2 U/UH ST 510 H, ST 514 H/BH	FT 14	3084	34,00	220 × 380	
DT 1028 F, ZE 1031/1032/DT	FT 36	3673	43,00	470 × 360	
DT 1058 M, ZE 1058/1059/DT, SONOBOARD STANDARD	FT 37	3674	44,00	550 × 470	
SONOMIC, SONOBOARD MIC	FT 38	3672	48,00	550 × 470	
RK 170 H, RK 1028/H/C/CH, RK 1040, DT 1028/H/CH, DL 1028 H, RM 40.2 U/UH ST 170 H, ST 1028 H/CH	FT 40	3094	49,00	420 × 430	
TRISON, SONOBOARD TRISON	FT 42	3224	61,00	700 × 430	
RK 1050/CH, DT 1050 CH, RM 75.2 U/UH ST 1050 CH	FT 45	3204	60,00	550 × 585	 FT 45


## Lids

made of stainless steel – when used insert baskets

suitable for	Type	Code No.	Price [€]	
RK 31/H, DT 31/H	D 08	218	26,00	 D 08
RK 52/H, DT 52/H	D 52	3002	48,00	
RK 100/H, RK 102 H, RK 103 H DT 100/H, DT 102 H/H-RC, DT 103 H, DL 102 H, ST 102 H	D 100	3003	48,00	 D 100
RK 255/H, DT 255/H/H-RC, DL 255 H, ST 255 H	D 255	3007	59,00	
RK 106, DT 106	D 6	346	75,00	 D 6
RK 156/BH, DT 156/BH, DL 156 BH, ST 156 BH	D 156	3004	82,00	
RK 170 H, ST 170 H	D 170	3006	254,00	
RK 510/H, RK 512 H, DT 510/H/H-RC, DT 512 H DL 510 H, DL 512 H, ST 510 H	D 510	3008	69,00	
RK 514/H/BH, DT 514/H/BH/BH-RC, DL 514 BH, ST 514 H/BH	D 514	3010	81,00	 D 514
RK 1028/H, DT 1028/H, DL 1028 H, ST 1028 H	D 1028	3011	92,00	 D 1028
RK 1028 C/CH, DT 1028 CH, ST 1028 CH with basket K 28 C	D 1028 C	3012	108,00	
RK 1028 C/CH, DT 1028 CH ST 1028 CH with basket K 28 CS	D 1028 CS	2998	108,00	
RK 1040	D 40	603	320,00	
RK 1050/CH, DT 1050 CH, ST 1050 CH with basket K 50 C	D 1050 C	3013	192,00	 D 1050 CS
RK 1050/CH, DT 1050 CH, ST 1050 CH with basket K 50 CS	D 1050 CS	2999	192,00	


## Lids

made of stainless steel – when used inset baskets K ... EM

ZE 1031/1032/...DT	D 30	7522	197,00	
ZE 1058/1059/...DT	D 57	7520	304,00	
DT 1058 M	D 1058 M	7526	224,00	 D 57






## Hinged lids

made of stainless steel

ZE 1031/1032/...DT	D 1031 G	3229	906,00	 D 1031 G
ZE 1058/1059/...DT	D 1058 G	3232	959,00	





## Positioning lids for fixing inset beakers

made of stainless steel


suitable for	Type	Code No.	Price [€]	Description	
RK 31/H, DT 31/H	DE 08	278	35,00	for 2 inset beakers	
RK 52/H, DT 52/H	DE 52	3016	42,00	for 1 inset beaker	 DE 52
RK 100/H, RK 102 H, RK 103 H, DT 100/H DT 102 H/H-RC, DT 103 H, DL 102 H, ST 102 H	DE 100	3017	50,00	for 2 inset beakers	 DE 100
RK 255/H, DT 255/H/H-RC, DL 255 H, ST 255 H	DE 255	3028	61,00	for 2 inset beakers	
RK 106, DT 106	DE 6	336	62,00	for 2 inset beakers	
RK 156/BH, DT 156/BH, DL 156 BH, ST 156 BH	DE 156	3040	81,00	for 4 inset beakers	 DE 156
RK 510/H, RK 512 H, DT 510/H/H-RC, DT 512 H, DL 510 H, DL 512 H, ST 510 H	DE 510	3038	66,00	for 4 inset beakers	 DE 510
RK 514/H/BH, DT 514/H/BH/BH-RC, DL 514 BH, ST 514 H/BH	DE 514	3039	78,00	for 4 inset beakers	
RK 1028/H/C/CH, RK 1050/CH DT 1028/H/CH, DT 1050 CH, DL 1028 H, ST 1028 H/CH, ST 1050 CH	ES 4	382	99,00	Beaker holder for 4 inset beakers	 ES 4

## Inset beakers for placement into positioning lids

incl. rubber ring GR, partly with lid




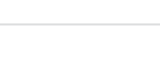

suitable for	Type	Code No.	Price [€]	dia <sub>i</sub> / dia <sub>o</sub> / h [mm]	Description	
	KB 04	3000	25,00	76 / 80 / 110	made of plastic, 400 ml + GR 04	 KB 04 SD 04 SD 05
	SD 04	168	22,00	75 / 80 / 110	made of glass, 400 ml + GR 04	
DE 08	SD 05	575	28,00	76 / 80 / 150	made of glass, 600 ml + GR 04	
	SD 06	330	25,00	84 / 90 / 125	made of glass, 600 ml + DD 06 + GR 06	 SD 06 EB 05 PD 06
	SD 09	579	34,00	91 / 95 / 180	made of glass, 1000 ml + GR 06	
DE 52, DE 100, DE 255, DE 6 DE 156, DE 510, DE 514, ES 4	EB 05	340	58,00	88 / 90 / 110	made of stainless steel, 600 ml + DD 06 + GR 06	
	PD 06	299	25,00	86 / 90 / 125	made of plastic, 600 ml + DD 06 + GR 06	
SD 06, EB 05, PD 06	DD 06	350	9,00	–	Lid for inset beakers (min. order 10 pcs.)	 DD 06
KB 04, SD 04, SD 05	GR 04	169	12,00	–	Rubber ring for inset beakers (min. order 5 pcs.)	
SD 06, SD 09, EB 05, PD 06	GR 06	7505	12,00	–	Rubber ring for inset beakers (min. order 5 pcs.)	 GR 06

## Inset sieve baskets, suitable for inset beakers



SD 06, SD 09, EB 05, PD 06	KD 0	370	48,00	75 / 82 / 40*	made of stainless steel, sieve mesh size 1 × 1 mm	 KD 0 PD 04
KB 04, SD 04, SD 05 SD 06, SD 09, EB 05, PD 06	PD 04	126	24,00	60 / 75 / 45*	made of plastic, bottom: sieve mesh size 1 × 1 mm	

\*height without handles

## Insert tubs made of plastic, with lid – for cleaning in aggressive liquids.

suitable for	Type	Code No.	Price [€]	Internal dimensions l x w x d [mm]	Description of material	
RK 100/H, RK 102 H, RK 103 H DT 100/H, DT 102 H/H-RC DT 103 H, DL 102 H, ST 102 H	KW 3	715	90,00	195 x 115 x 88	Polyethylene – low density	 KW 3
RK 255/H, DT 255/H/H-RC DL 255 H, ST 255 H	KW 5	240	89,00	254 x 96 x 130	Polyethylene – low density	
RK 510/H, DT 510/H/H-RC DL 510 H, ST 510 H	KW 10-0	3053	509,00	242 x 182 x 135	Polypropylene	
RK 514/H, DT 514/H, ST 514 H	KW 14	613	405,00	280 x 215 x 145	Tank: polypropylene Lid: polycarbonat	 KW 14
RK 514 BH, DT 514 BH DT 514 BH/H-RC, DL 514 BH ST 514 BH	KW 14 B	648	413,00	275 x 210 x 195	Polypropylene	
RK 1028/H/C/CH, DT 1028/H/CH, DL 1028 H ZE 1031/1032/... DT ST 1028 H	KW 28-0	717	914,00	437 x 230 x 155	Polypropylene	 KW 28-0
RK 1050	KW 50-0	718	1.113,00	517 x 445 x 184	Polypropylene	
RK 1050 CH, DT 1050 CH ST 1050 H	KW 50 B-0	568	1.323,00	520 x 445 x 284	Polypropylene	

## Special accessories for industry








suitable for	Type	Code No.	Price [€]	Description	
DT/RK/ST 102 H	ZH 102	383	88,00	Spark plug holder 12 holes Ø 19 mm each	 ZH 102
DT/RK /ST 102 H, DT/RK/ST 510 H	ED 9	183	86,00	Injector holder 8 holes Ø 9.5 mm each, 8 holes Ø 5.5 mm each, 8 holes Ø 4.5 mm each, 8 holes Ø 3.5 mm each	 ED 9

## Special accessories for fire protection field

suitable for	Type	Code No.	Price [€]	Internal dimensions l x w x d [mm]	Description	
DT/RK/ST 514 BH	K 14 AZ	198	365,00	285 x 260 x 155	Insert basket for 2 full face masks	
	K 28 CA	213	590,00	470 x 270 x 215	Insert basket for 6 full face masks	 K 28 CV
DT/RK/ST 1028 CH	K 28 CV	387	506,00	470 x 270 x 215	Insert basket for 3 full vision masks	
	K 50 CA	216	826,00	540 x 445 x 240	Insert basket for 9 full face masks	 MK 180 A
DT/RK/ST 1050 CH	K 50 CV	389	789,00	540 x 445 x 240	Insert basket for 6 full vision masks	
RM 180/182 UH	MK 180 A	8427	2.122,00	930 x 460 x 215	Insert basket for 15 full face masks	



## Special accessories for laboratories

suitable for	Type	Code No.	Price [€]	Description	
Laboratory flasks for Ø up to 31 mm Laboratory flasks for Ø up to 42 mm Laboratory flasks for Ø up to 52 mm Laboratory flasks for Ø up to 65 mm Laboratory flasks for Ø up to 85 mm	EK 10 EK 25 EK 50 EK 100 EK 250	7521 7519 7518 7516 3259	36,00 37,00 42,00 46,00 65,00	<b>Spring clamps for laboratory flasks</b> for easy and safe fixing of flasks on the bottom of insert baskets or utensil holders, with mesh sizes of up to 12.5 × 12.5 mm	 EK 100
K 10 / K 10 B K 28 / K 28 C	ZF 10 ZF 28	3524 3525	154,00 238,00	<b>Holder for laboratory flasks</b> for flexible fixing into the insert basket	 ZF 10
DT 510 F, DT 1028 F	K 10 F	35902	209,00	<b>Insert basket</b> made of stainless steel, 250 × 195 × 50 mm, 2 pcs. for DT 1028 F	 K 10 F
RK 52/H, RK 100/H, RK 102 H RK 103 H, RK 255/H, RK 156 BH DT 52/H, DT 100/H, DT 102 H/H-RC DT 103 H, DT 255/H/H-RC, DT 156 BH DL 102 H, DL 255 H, DL 156 BH, ST 102 H, ST 255 H, ST 156 BH	GV 3	7509	77,00	<b>Handle adjustment</b> for insert baskets K 1 C, K 3 C, K 3 CL, K 5 C, K 6 BL, 2 pcs.	 GV 3
RK 510/H/H-RC, RK 512 H RK 514/H/BH, RK1028/H/C/CH DT 510/H/H-RC, DT 512 H DT 514/H/BH/BH-RC, DT 1028/H/CH DL 510 H, DL 512 H, DL 514 BH DL 1028 H, ST 510 H, ST 514 H/BH, ST 1028 H/CH	GV 10	7512	82,00	<b>Handle adjustment</b> for insert baskets K 10, K 10 B, K 14, K 14 B, K 28, K 28 C, GH 10, GH 28 2 pcs.	
RK 52/H, RK 100/H, RK 102 H DT 52/H, DT 100/H, DT 102 H/H-RC DL 102 H, ST 102 H	RG 2	279	117,00	<b>Test tube holder</b> for 6 test tubes up to Ø 25 mm and 8 test tubes up to Ø 16 mm	
RK 52/H, RK 100/H, RK 102 H DT 52/H, DT 100/H, DT 102 H/H-RC DL 102 H, ST 102 H	RG 2.2	2791	110,00	<b>Test tube holder</b> for 6 centrifuge tubes 50 ml (Ø 30 mm, h = 115 mm) and 6 centri- fuge tubes 15 ml (Ø 17 mm, h = 120 mm)	 RG 2.2
RK 106, DT 106	SH 7	314	57,00	<b>Sieve holder</b> for 1 analysis sieve up to Ø 200 mm	 SH 7
RK 1028 C/CH, DT 1028 CH, ST 1028 H	SH 28 C	307	286,00	<b>Sieve holder</b> for max. 5 analysis sieves up to Ø 215 mm	 SH 28 C



## Special accessories for medical field

suitable for	Type	Code No.	Price [€]	Description
RK 1028/H DT 1028/H, DT 1058 M ZE 1031/1032/1058/1059/ ... DT ST 1028 H	K 29 EM	688	214,00	<b>Inset basket</b> (basket holder necessary) mesh size 4 × 4 mm Internal dimensions 470 × 240 × 45 mm
RK 1028/H DT 1028/H ZE 1031/1032/ ... DT ST 1028 H	KT 30	7517	109,00	<b>Basket holder</b> for inset basket K 29 EM or 1/1 DIN-basket
RK 1028/H DT 1028/H ZE 1031/1032/ ... DT ST 1028 H	KT 30 Z	7507	308,00	<b>Basket holder</b> for inset basket K 29 EM or 1/1 DIN-basket
DT 1058 M ZE 1058/1059/ ... DT	KT 57	7504	181,00	<b>Basket holder</b> for inset basket K 29 EM, 1/1 DIN- or ISO-basket
DT 1058 M ZE 1058/1059/... DT	KT 57 Z	3078	398,00	<b>Basket holder</b> for inset basket K 29 EM, 1/1 DIN- or ISO-basket
RK 100/H, DT 100/H	SM 3	7513	113,00	<b>Silicone knob mat</b> 170 × 97 mm, for K 3 C
RK 255/H, DT 255/H, ST 255 H	SM 5	101	117,00	<b>Silicone knob mat</b> 213 × 97 mm, for K 5 C
RK 156, DT 156	SM 6	110	171,00	<b>Silicone knob mat</b> 2 pcs. à 210 × 95 mm, for K 6 L
RK 514/H, DT 514/H, ST 514 H	SM 14	118	153,00	<b>Silicone knob mat</b> 235 × 245 mm, for K 14
RK 1028/H, DT 1028/H, DT 1058 M ZE 1031/1032/1058/1059/ ... DT ST 1028 H	SM 29	178	275,00	<b>Silicone knob mat</b> 2 pcs. à 235 × 245 mm, for K 28 and K 29 EM



KT 30 Z with K 29 EM



SM 3



SM 14



## Special accessories for dental field

RK 100/H, RK 102 H DT 100/H, DT 102 H ST 102 H	LT 102	371	52,00	<b>Rack</b> for cleaning of impression tray
RK 514/H DT 514/H ST 514 H	KAH 14.3	750101	239,00	<b>Cassette holder</b> 305 × 208 × 52 mm for up to 3 × 1/1 DIN-cassettes, 6 × 1/2 DIN-cassettes, 12 × 1/4 DIN-cassettes



LT 102



KAH 14.3

**SONOREX PR 140 DH****Ultrasonic bath for volumetric glassware with lengths up to 755 mm**

Internal tank dimensions l × w × d [mm]	150 × 150 × 895
Operating volume [l]	min. 9, max. 18
Type	PR 140 DH
Code No.	2070
Price [€]	4.227,00
External dimensions l × w × h [mm]	330 × 330 × 1003
Ultrasonic peak power* [W]	860
Ultrasonic nominal power [W]	215
Pulse function	✓
SweepTec	✓
Heating power [W]	700
Outlet	Ball valve left
Mains supply: 230 V ~ (± 10%) 50/60 Hz 115 V ~ (± 10%) 50/60 Hz	✓ on request
Current consumption** [A]	4.0
Weight net [kg]	19.7

**Ready-to-use set:**

- Ultrasonic bath PR 140 DH
- Basket K 140 B
- Lid D 140 D
- Cleaning concentrates  
TICKOPUR R 33 – 5 litres  
TICKOPUR TR 3 – 1 litre

**SONOSHAKE Set****Ultrasonic bath with shaking device for sample preparation**

Four different shaking frequencies, the shaking device enables gentle to vigorous reciprocating motions at amplitudes of 20 mm (peak to peak). Spring clamps EK 10–250 required for laboratory flasks order separately (see page 11).

Type	Code No.	Price [€]
SONOSHAKE Set: DT 1028 F + SA 1028	3257	5.854,00
Shaking device SA 1028 for retrofitting	3249	3.093,00



\*corresponds to 4 times ultrasonic nominal power \*\*in case of 230 V ~ (± 10 %), 50/60 Hz



SONOSHAKE Shaking device SA 1028 or in a set with DT 1028 F

## LABOCOOL LC 400

Recirculating chiller for cooling of aqueous liquids in ultrasonic baths

Code No.	3850
Price [€]	3.899,00
Adjustable temperature range [°C]	5 – 30
Max. liquid temperature [°C]	38
Cooling power [W]	400
Refrigerant type	R-290
Refrigerant quantity [g]	90
Temperature display	✓
Outlet	left, 13 mm
Inlet	left, 13 mm
External dimensions l × w × h [mm]	410 × 320 × 420
Mains supply	230 V ~ (± 10 %), 50 Hz
Current consumption [A]	1.5
Weight net [kg]	18



Accessories	Type	Code No.	Price [€]	Description	
Extension kit	ELC 1	3851	287,00	for connection of a 2nd ultrasonic bath to LC 400	
Extension kit	ELC 2	3852	93,00	for connecting a shaking device SA 1028 to LC 400	



**SONOCOOL****Ultrasonic bath with cooling for use in laboratories and in industrial and scientific research**

Internal tank dimensions l × w × d [mm]	280 × 150 × 150	
Operating volume [l]	5.0	
Code No.	3500031 (set pathology)	3500032 (set laboratory)
Price [€]	8.404,00	7.941,00
Ultrasonic peak power* [W]	720	
Ultrasonic nominal power [W]	180	
Power settings [%]	25, 50, 75, 100	
Frequency [kHz]	35	
Pulse function	✓	
SweepTec	✓	
Cooling power [W]	200	
Outlet	front left, concealed	
External dimensions l × w × h [mm]	360 × 605 × 385	
Mains supply: 230 V ~ (± 10%), 50/60 Hz	✓	
Current consumption** [A]	1.9	
Weight net [kg]	29	










**Ready-to-use set pathology:**

- Ultrasonic bath SC 255.2
- Sample holder PH 255-11
- Lid D 255 G
- 20 inset beaker SD 01.2
- 1 l TICKOPUR TR 3  
(contact liquid, concentrate)

**Ready-to-use set laboratory:**

- Ultrasonic bath SC 255.2
- Insert basket K 5 SC
- Lid D 255 G
- 1 l TICKOPUR TR 3  
(contact liquid, concentrate)



Accessories	Type	Code no.	Price [€]	Description	
Sample holder	PH 255-11	3512	380,00	for 11 inset beakers SD 01.2	
Insert beaker	SD 01.2	3517	194,00	PU = 10 pcs., each 100 ml, made of glass, without spout, inner Ø 44 mm, 80 mm high	
Sample holder	PH 255-1	3519	339,00	for 1 box IB 18	
Box	IB 18	3283	112,00	PU = 5 pcs.	
Sample holder	PH 255-2	3518	518,00	for 2 inset beakers SD 06	
Insert beaker	SD 06	330	25,00	600 ml, made of glass, Inner Ø 84 mm, 125 mm high, with lid, inset is made without black ring	
Sample holder	PH 255-2W	3521	369,00	for 2 × 24 well plates	
Lid	D 255 G	3515	401,00	made of glass	
Insert basket	K 5 SC	302701	111,00	internal dimensions 260 × 110 × 40 mm (l × w × d) mesh size 5 × 5 mm, max. load 5 kg	

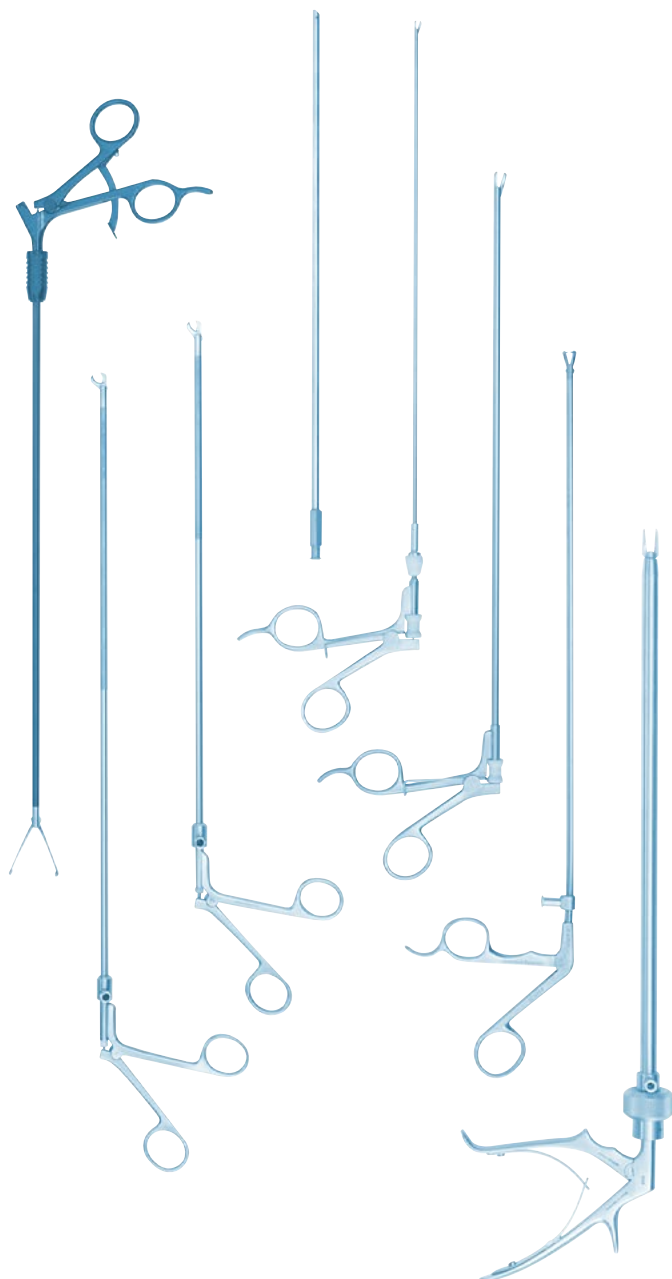
\*corresponds to 4 times ultrasonic nominal power \*\*in case of 230 V ~ (± 10%), 50/60 Hz

**SONOMIC MC 1001**

**Ultrasonic baths for MIS and standard instruments**

**Ready-to-use set:**

- Ultrasonic bath MC 1001
- Basket K 1001 MC
- 12 adapters with seals and hose
- 12 adapter seals AD 1000
- 2 adapter testing strips APB 1000
- 30 filter cartridges EF 1001
- Frame for foil test FT 38



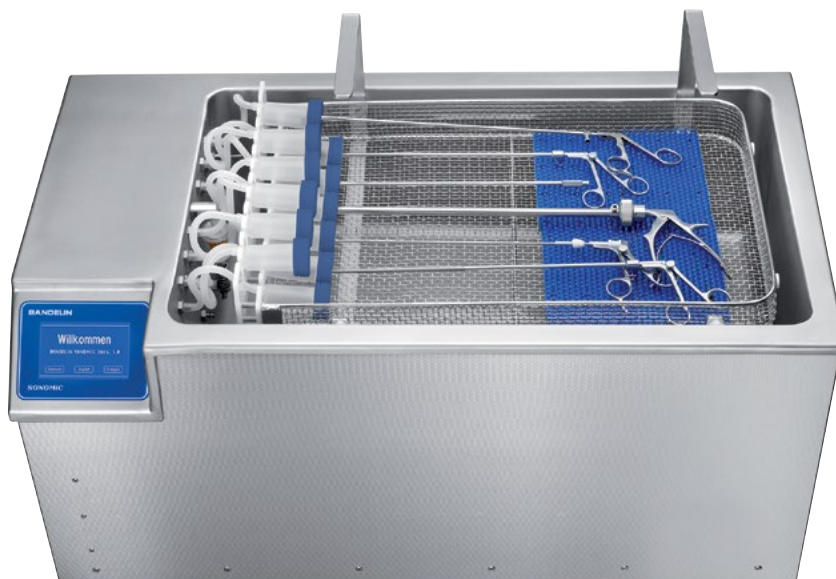
<b>Internal tank dimensions l x w x d [mm]</b>	650 x 400 x 160/170 <sup>+</sup>
<b>Capacity [l]</b>	42.5
<b>Operating volume [l]</b>	27.0
<b>Code No.</b>	3315
<b>Price [€]</b>	<b>14.061,00</b>
<b>External dimensions l x w x h [mm]</b>	900 x 510 x 325
<b>Tank material / Thickness [mm]</b>	Stainless steel AISI 316L / 2
<b>Outlet</b>	Ball valve ¾", thread feed pipe G ¾", at the rear side
<b>Ultrasonic peak power* [W]</b>	2400
<b>Ultrasonic nominal power [W]</b>	600
<b>Frequency [kHz]</b>	40
<b>Pulse function</b>	✓
<b>SweepTec</b>	✓
<b>Control</b>	Touchscreen 96 x 61 mm, built-in
<b>Temperature monitoring [°C]</b>	15–40
<b>Interfaces</b>	USB-B, RS-232, LPT
<b>Mains supply:</b> 230 V ~ (± 10%) 50/60 Hz 115 V ~ (± 10%) 50/60 Hz	✓ on request
<b>Current consumption** [A]</b>	3.0
<b>Mounting into the worktop</b>	–

\*corresponds to 4 times ultrasonic nominal power  
\*\* in case of 230 V ~ (± 10 %), 50/60 Hz <sup>+</sup>inclined tank bottom




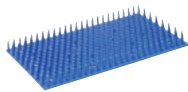



## SONOMIC MC 1001





### Accessories and Consumables



#### Accessories

	Type	Code No.	Price [€]	Description	
Removable non-hinged lid	D 1000 MC	3312	246,00	Protects the bath fluid from contaminants from the outside, the condensation water runs back into the tank.	
Hinged lid	D 1001 G	3310	1.080,00		
Inset basket	K 1001 MC	3324	1.286,00	With comb bar for adapters, internal dimensions 520 x 340 x 50 mm (l x w x d), mesh size 5 x 5 mm.	
Silicone knob mat	SM 1000 MC	3313	230,00	Dimension of 2 parts (set) 245 x 340 mm (l x w).	
Frame for foil test	FT 38	3672	48,00	–	

#### Consumables

	Type	Code No.	Price [€]	PU [pcs.]	
Filter cartridge	EF 1001	3365	254,00	30	
		3366	836,00	100	
Adapter seal	AD 1000	3353	145,00	12	
		3354	277,00	24	
		3355	416,00	36	
Adapter with seal and hose	ADS 1000	3350	80,00	1	
		3351	853,00	12	
Adapter testing strip	APB 1000	3358	84,00	2	

**TRISON 4000.2**
**Ultrasonic bath for robotic, MIS and standard instruments**
**Specially for Xi robotic instruments**

Available as a right „R“ or a left „L“ version, consisting of:

- Oscillating tank TRISON TE 4000 with drain set G 1 ½
- Ultrasonic generator TRISON GT 4000
- Control unit TRISON Base TB 4000.2
- Mains cable NL 5
- Moving device TRISON Twist TT 4000 Xi, R/L
- Pivot mounted arm TRISON Lift TL 4000
- 30 filter cartridges EF 1001
- Frame for foil test FT 42

**Specially for Si robotic instruments**

Available as a right „R“ or a left „L“ version, consisting of:




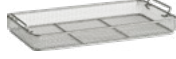

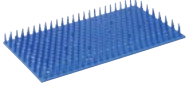









- Oscillating tank TRISON TE 4000 with drain set G 1 ½
- Ultrasonic generator TRISON GT 4000
- Control unit TRISON Base TB 4000.2
- Mains cable NL 5
- Moving device TRISON Twist Twist TT 4000 Si, R/L
- Pivot mounted arm TRISON Lift TL 4000
- 30 filter cartridges EF 1001
- Frame for foil test FT 42

Internal tank dimensions l × w × d [mm]	770 × 420 × 165/190 <sup>+</sup>	
Capacity [l]	60.0	
Operating volume [l]	35.0	
Type	TRISON 4000.2 Xi	TRISON 4000 Si
Code No.	7861 (R) / 7862 (L)	7859 (R) / 7860 (L)
Price [€]	47.374,00	47.374,00
External dimensions l × w × h [mm]	Oscillating tank: 900 × 480 × 245/275 <sup>+</sup> Ultrasonic generator: 400 × 360 × 1170 Control unit: 370 × 20 × 360 (incl. rotating foot) Pivot mounted arm: 240 × 95 × 350	
	Moving device: 345 × 160 × 175	Moving device: 405 × 205 × 190
Tank material / Thickness [mm]	Stainless steel AISI 316L / 2	
Outlet	G 1 ½ drain set with turning knob and stainless steel stopper	
Ultrasonic peak power* [W]	3040	
Ultrasonic nominal power [W]	760	
Frequency [kHz]	38	
Pulse function	✓	
SweepTec	✓	
Control	Touchscreen	
Temperature monitoring [°C]	flexibly adjustable	
Interfaces	USB-A, Ethernet	
Mains supply: 230 V ~ (± 10%) 50/60 Hz	✓	
Current consumption** [A]	3.5	
Mounting into the worktop	from below	
Cleaning pressure [bar]	up to 1	

\*corresponds to 4 times ultrasonic nominal power \*\* in case of 230 V ~ (± 10 %), 50/60 Hz <sup>+</sup>inclined tank bottom

## TRISON

### Accessories and Consumables

Accessories	Type	Code No.		Price [€]	Description	
	Basket TRISON Rack	TR 3001	right 7631	left 7731	4.006,00	
Basket TRISON Rack	TR 4000		7632	1.381,00	Basket for Hugo™ RAS System or Versius® Surgical Robotic System robotic instruments.	
Hose set for Versius Surgical System by CMR Surgical	SLS 4000 CMR		33641	650,00	Hose set with couplings suitable for Versius Surgical System by CMR Surgical	
Hose set for Hugo RAS System by Medtronic	SLS 4000 Medtronic Hugo		33642	670,00	Hose set with couplings suitable for Hugo RAS System by Medtronic	
Inset basket	K 29 EM		688	214,00	To use for the instruments to be cleaned (e. g. standard instruments). Internal dimensions of basket: 470 × 240 × 45 mm (l × w × d).	
Basket holder	KT 3000 Z	right 7761	left 7661	487,00	To hold the inset basket	
Silicone knob mat	SM 29		178	275,00	External dimensions of 2 pcs. (set): 235 × 245 mm (l × w) for K 29 EM	
Lid	D 4000	right 7955	left 7956	1.259,00	Universal for all TRISON applications; for TRISON Twist only in lowered position.	
Twist spacer	TX 4000 Xi		7763	307,00	TRISON Twist Xi spacer for staplers, PU à 2 pcs.	
Frame for foil test	FT 42		3224	61,00	External dimensions: 700 × 430 mm (l × w).	
Consumables	Type	Code No.		Price [€]	PU [pcs.]	
Filter cartridges	EF 1001		3365	254,00	30	
			3366	836,00	100	
Adapter seals	AD 1000		3361	126,00	8	
			3353	145,00	12	
			3354	277,00	24	
Adapter with seal	ADT 1000		7770	79,00	1	
			3359	526,00	8	
Adapter testing strips	APB 3000		7771	91,00	2	
Hose set with coupling for TRISON Twist	for Xi: SLS 4000 TT		3362	559,00	1	
	for Si: SLS 3000 TT		3363	583,00	1	
Hose set with coupling for TRISON Rack, without adapters	SLS 3000 TR		3364	765,00	1	

## SONOBOARD Sets

### Ultrasonic baths in stainless steel cabinets

#### SONOBOARD STANDARD for standard instruments

**Ready-to-use set:**

- Ultrasonic bath SONOREX ZE 1058 DT with accessories (see page 12)
- Functional cabinet FS 900 S

#### SONOBOARD TRISON.2 MIC for MIS instruments

**Ready-to-use set:**

- Ultrasonic bath TRISON 4000.2 MIC with accessories (see page 20)
- Functional cabinet FS 1200 TR/TL

#### SONOBOARD TRISON.2 for robotic, MIS and standard instruments

**Ready-to-use set:**

- Ultrasonic bath TRISON 4000.2 Xi with accessories (see page 20)
- Functional cabinet FS 1200 TR/TL



Internal tank dimensions l × w × d [mm]	600 × 400 × 200/220+	770 × 420 × 165/190+	770 × 420 × 165/190+
Capacity [l]	46.0	60.0	60.0
Operating volume [l]	32.0	35.0	35.0
Type	SONOBOARD STANDARD	SONOBOARD TRISON.2 MIC	SONOBOARD TRISON.2
Code No.	3452	7858	7855
Price [€]	17.581,00	38.544,00	56.806,00
External dimensions incl. rolls, l × w × h [mm]	900 × 700 × 930	1200 × 700 × 930	1200 × 700 × 930
Tank material / Thickness [mm]	Stainless steel AISI 316L / 2		
Outlet	G 1½ drain set with turning knob, stainless steel stopper and siphon G 1½ with hose		
Ultrasonic peak power* [W]	2400	3040	3040
Ultrasonic nominal power [W]	600	760	760
Frequency [kHz]	35	38	38
Pulse function	✓	✓	✓
SweepTec	✓	✓	✓
Control	Buttons	Touchscreen	Touchscreen
Time setting	1, 2, 3, 4, 5, 10, 15, 30 min and ∞	menu controlled	menu controlled
Temperature monitoring [°C]	✓	✓	✓
Interfaces	–	USB-A, Ethernet	USB-A, Ethernet
Mains supply: 230 V ~ (± 10%) 50/60 Hz 115 V ~ (± 10%) 50/60 Hz	✓ ✓	✓ –	✓ –
Current consumption** [A]	2.7	3.5	3.5

\*corresponds to 4 times ultrasonic nominal power \*\* in case of 230 V ~ (± 10 %), 50/60 Hz \*inclined tank bottom

## SONOBOARD Sets

### Accessories



SONOBOARD TRISON.2

	SONOBOARD STANDARD		SONOBOARD TRISON.2 MIC		SONOBOARD TRISON.2	
– for standard instruments – Type Code No. Price [€]	Basket holder KT 57 Z 3078 398,00	Inset basket K 29 EM 688 214,00	Basket holder KT 3000 Z 7761 487,00	Inset basket K 29 EM 688 214,00	Basket holder KT 3000 Z 7761 487,00	Inset basket K 29 EM 688 214,00
– for MIS instruments – Type Code No. Price [€]	–		Basket TRISON Rack TR 3001 7631 R 4.006,00	Basket TRISON Rack TR 3001 7631 4.006,00		
– for robotic instruments – Type Code No. Price [€]	–		–		TRISON Twist TT 4000 Xi 7821 17.992,00	TRISON Twist TT 4000 Si 7820 17.992,00
Type Code No. Price [€]	Lid D 57 7520 304,00		Lid D 4000 A-R 7955 1.259,00		Lid D 4000 A 7955 1.259,00	
Type Code No. Price [€]	Hinged lid D 1058 G 3232 959,00		–		–	
Type Code No. Price [€]	Frame for foil test FT 37 3674 44,00		Frame for foil test FT 42 3224 61,00		Frame for foil test FT 42 3224 61,00	



## BactoSonic 14.2

### Ultrasonic special bath for gentle removing of biofilms










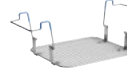
Internal tank dimensions l × w × d [mm]	325 × 300 × 150
Operating volume [l]	9.5
Code No.	3291
Price [€]	5.407,00
Ultrasonic nominal power [W]	200
Power settings [%]	20, 40, 60, 80, 100
Frequency [kHz]	40
Pulse function	✓
SweepTec	✓
Outlet	Ball valve G ½ left
External dimensions l × w × h [mm]	355 × 325 × 305
Mains supply: 230 V ~ (± 10%), 50/60 Hz 115 V ~ (± 10%), 50/60 Hz	✓ on request
Current consumption** [A]	1.0
Weight net [kg]	10.2

#### Ready-to-use set:

- Ultrasonic bath BS 14.2
- Scientifically tested procedure
- Implant boxes (non-sterile packed)
- Box trays for implant boxes
- Utensil holder for implant boxes
- Frame for foil test FT 14
- 1 l TICKOPUR R 33 (concentrate)



#### Accessories

Implant boxes type	Code No.	Price [€]	PU [pcs.]	Box trays type	Code No.	Price [€]
IB 5 	3280	84,00	5	BT 5 	3296	315,00
IB 6 	3281	90,00	5	BT 6 	3252	315,00
IB 10 	3282	104,00	5	BT 10 	3254	315,00
IB 18 	3283	112,00	5	BT 18 	3263	315,00
IB 20 	3284	120,00	5	GH 14 	291	160,00

#### Spare parts (seals)

for	Code No.	Price [€]
IB 5	32800	365,00
IB 6	32810	495,00
IB 10	32820	76,00
IB 18	32830	58,00
IB 20	32840	495,00

Implant boxes	Internal dimensions l × w × d [mm]	Box trays for implant boxes
IB 5, polypropylene, 0.52 l	ca. 125 × 85 × 50	BT 5, polycarbonat, for 2 pcs. IB 5
IB 6, polypropylene, 0.6 l	ca. Ø 120 × 55	BT 6, polycarbonat, for 2 pcs. IB 6
IB 10, polypropylene, 1.0 l	ca. 255 × 95 × 43	BT 10, polycarbonat, for 1 pc. IB 10
IB 18, polypropylene, 1.8 l	ca. 185 × 120 × 80	BT 18, polycarbonat, for 1 pc. IB 18
IB 20, polypropylene, 2.0 l	ca. 112 × 80 × 265	GH 14, stainless steel, for 3 pcs. IB 20

\*\* in case of 230 V ~ (± 10 %), 50/60 Hz

## **SONOREX TECHNIK RM** **Ultrasonic baths – with ultrasound and heating**

Frequency 40 kHz, starting with RM 110 UH alternatively 25 kHz.  
Mains supply RM 16.2 UH up to RM 75.2 UH 230 V~ (± 10 %), 50/60 Hz,  
RM 110 UH up to RM 210 UH 400 V 3N~ (± 10 %), 50/60 Hz.  
Heating 30 to 80 °C. Welded tank made of stainless steel AISI 316L, 2 mm. Overflow, outlet.  
**On request supply of units in three additional versions:**  
**Ultrasonic bath without heating, rinsing bath with or without heating, either without ultrasound.**



RM 110 UH and RM 180 UH

Type	Internal tank dimensions l x w x d [mm]	Operating volume [l]	Code No.	Price [€]	External dimensions l x w x h [mm]	Outlet 3-way-ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Current consumption [A]	Weight net [kg]
RM 16.2 UH	325 x 275 x 200/210 <sup>+</sup>	13.0	8204	<b>3.074,00</b>	365 x 340 x 390	G ½	1200	300	800	4.8	16.0
RM 40.2 UH	475 x 300 x 300/315 <sup>+</sup>	31.0	8214	<b>4.495,00</b>	540 x 340 x 500	G ¾	2000	500	1250	7.7	26.0
RM 75.2 UH	575 x 500 x 300/315 <sup>+</sup>	62.0	8208	<b>6.719,00</b>	640 x 540 x 530	G ¾	4000	1000	1950	12.9	42.0
RM 110 UH	600 x 450 x 450	110.0	8230	<b>8.282,00</b>	780 x 550 x 800	G 1	4000	1000	4800	10.5**	72.0
RM 180 UH	1000 x 500 x 400	160.0	8250	<b>13.483,00</b>	1180 x 600 x 800	G 1	2 x 4000	2 x 1000	7200	14.8**	105.0
RM 210 UH	750 x 650 x 500	210.0	8270	<b>13.503,00</b>	930 x 750 x 800	G 1	2 x 4000	2 x 1000	7200	14.8**	110.0



RM 112 UH  
with rounded tank edges

### **Rounded tank edges – inclined tank bottom – operating elements positioned upper**

Frequency 40 kHz, alternatively 25 kHz. Mains supply 400 V 3N~ (± 10 %), 50/60 Hz. Heating 30 to 80 °C.  
Welded tank made of stainless steel AISI 316L, 2 mm. Overflow, outlet.

**On request supply of units in three additional versions:**  
**ultrasonic bath without heating, rinsing bath with or without heating, either without ultrasound.**

RM 112 UH	600 x 450 x 450/470 <sup>+</sup>	115.0	9102	<b>9.274,00</b>	780 x 610 x 800	G 1	4000	1000	4800	10.5**	74.0
RM 182 UH	1000 x 500 x 400/420 <sup>+</sup>	170.0	9202	<b>14.511,00</b>	1180 x 660 x 800	G 1	2 x 4000	2 x 1000	7200	14.8**	138.0
RM 212 UH	750 x 650 x 500/520 <sup>+</sup>	230.0	9302	<b>14.654,00</b>	930 x 810 x 800	G 1	2 x 4000	2 x 1000	7200	14.8**	112.0

\*corresponds to 4 times ultrasonic nominal power \*\*max. current consumption per phase + inclined tank bottom

## **SONOREX TECHNIK RM ... ST** Ultrasonic baths – with ultrasound, heating and interface



The interface enables separate remote control of the heating and ultrasound via potential-free contacts. The activity of the heating and the fill level are signalled back from the device. The interface is compatible with all commercially available PLCs and robot controls. Frequency 40 kHz, starting with RM 112 UH-ST alternatively 25 kHz. Mains supply RM 16.2 UH-ST up to RM 75.2 UH-ST 230 V~ (± 10 %), 50/60 Hz, RM 112 UH-ST up to RM 212 UH-ST 400 V 3N~ (± 10 %), 50/60 Hz. Heating 30 to 80 °C. Welded tank made of stainless steel AISI 316L, 2 mm. Overflow, outlet.  
**On request supply of units in two additional versions: Ultrasonic bath without heating, rinsing bath without ultrasound, with heating.**



Type (selection)	Internal tank dimensions l x w x d [mm]	Operating volume [l]	Code No.	Price [€]	External dimensions l x b x h [mm]	Outlet 3-way-ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Current consumption [A]	Weight net [kg]
RM 16.2 UH-ST	325 x 275 x 200/210 <sup>+</sup>	13.0	8680	3.374,00	365 x 340 x 390	G ½	1200	300	800	4.8	16,0
RM 40.2 UH-ST	475 x 300 x 300/315 <sup>+</sup>	31.0	8683	4.795,00	540 x 340 x 500	G ¾	2000	500	1250	7.7	26,0
RM 75.2 UH-ST	575 x 500 x 300/315 <sup>+</sup>	62.0	8686	7.019,00	640 x 540 x 530	G ¾	4000	1000	1950	12.9	42,0
RM 112 UH-ST	600 x 450 x 450/470 <sup>+</sup>	115.0	8772	9.774,00	780 x 610 x 800	G 1	4000	1000	4800	15.3**	74,0
RM 182 UH-ST	1000 x 500 x 400/420 <sup>+</sup>	170.0	8777	15.011,00	1180 x 660 x 800	G 1	2 x 4000	2 x 1000	4800	14.8**	138,0
RM 212 UH-ST	750 x 650 x 500/520 <sup>+</sup>	230.0	8782	15.154,00	930 x 810 x 800	G 1	2 x 4000	2 x 1000	7200	14.8**	112,0



ZM 182 UHL

## **SONOREX TECHNIK ZM** Two-part ultrasonic baths – with sonication from bottom and side as well as heating


Frequency 40 and/or 25 kHz. Mains supply: oscillating tank 400 V 3N~ (± 10 %), 50/60 Hz, ultrasound generators 230 V~ (± 10 %), 50/60 Hz. Heating 30–80 °C. Welded tank made of stainless steel AISI 316L, 2 mm. Overflow, outlet.  
**On request also as TwinSonic multi-frequency unit with combination of both frequencies with or without heating.**

ZM 112 UHL	600 x 450 x 450/470 <sup>+</sup>	115.0	9132	13.864,00	780 x 610 x 800 <sup>⓪</sup>	G 1	2 x 4000	2 x 1000	4800	10.5**	88.0
ZM 182 UHL	1000 x 500 x 400/420 <sup>+</sup>	170.0	9232	18.038,00	1180 x 660 x 800 <sup>⓪</sup>	G 1	2 x 6000	2 x 1500	7200	10.5**	152.0
ZM 212 UHL	750 x 650 x 500/520 <sup>+</sup>	230.0	9332	18.251,00	930 x 810 x 800 <sup>⓪</sup>	G 1	2 x 6000	2 x 1500	7200	10.5**	126.0

\*corresponds to 4 times ultrasonic nominal power \*\*max. current consumption per phase + inclined tank bottom  
⓪ dimensions of unit without ultrasound generator, dimensions of ultrasound generator: 218 x 405 x 198 mm (l x w x h)



## Insert baskets

made of stainless steel

suitable for	Type	Code No.	Price [€]	Internal dimensions l × w × d [mm]	Description	
RM 16.2 UH	<b>MK 16 B</b>	8408	<b>264,00</b>	275 × 245 × 50	Mesh size 5 × 5 mm, load max. 10 kg	 MK 16 B
RM 40.2 UH	<b>MK 40 B</b>	8409	<b>349,00</b>	430 × 240 × 50	Mesh size 5 × 5 mm, load max. 10 kg	
RM 40.2 UH	<b>MK 40 S</b>	8410	<b>610,00</b>	430 × 240 × 50	Mesh size 5 × 5 mm, load max. 40 kg	
RM 75.2 UH	<b>MK 75 B</b>	8416	<b>455,00</b>	530 × 445 × 50	Mesh size 12.5 × 12.5 mm, load max. 10 kg	 MK 75 B
RM 75.2 UH	<b>MK 75 S</b>	8475	<b>809,00</b>	530 × 445 × 50	Mesh size 12.5 × 12.5 mm, load max. 40 kg	
RM 110 UH, RM 112 UH, ZM 112 UHL	<b>MK 110</b>	8423	<b>682,00</b>	530 × 410 × 90	Mesh size 12.5 × 12.5 mm, load max. 20 kg	
RM 110 UH, RM 112 UH, ZM 112 UHL	<b>MK 110 S</b>	8476	<b>824,00</b>	530 × 410 × 90	Mesh size 12.5 × 12.5 mm, load max. 40 kg	
RM 180 UH, RM 182 UH, ZM 182 UHL	<b>MK 180</b>	8424	<b>1.057,00</b>	930 × 460 × 90	Mesh size 12.5 × 12.5 mm, load max. 20 kg	
RM 180 UH, RM 182 UH, ZM 182 UHL	<b>MK 180 S</b>	8477	<b>1.231,00</b>	930 × 460 × 90	Mesh size 12.5 × 12.5 mm, load max. 40 kg	
RM 180 UH for 15 full masks	<b>MK 180 A</b>	8427	<b>2.122,00</b>	930 × 460 × 215	Mesh size 12.5 × 12.5 mm, load max. 20 kg, two-parts, removable separating strip	
RM 210 UH, RM 212 UH, ZM 212 UHL	<b>MK 210</b>	8425	<b>858,00</b>	680 × 610 × 90	Mesh size 12.5 × 12.5 mm, load max. 20 kg	 MK 210
RM 210 UH, RM 212 UH, ZM 212 UHL	<b>MK 210 S</b>	8478	<b>1.033,00</b>	680 × 610 × 90	Mesh size 12.5 × 12.5 mm, load max. 40 kg	

## Lids

made of stainless steel

RM 16.2 UH	<b>MD 16</b>	8440	<b>107,00</b>		
RM 40.2 UH	<b>MD 40</b>	8442	<b>157,00</b>		 MD 40
RM 75.2 UH	<b>MD 75</b>	8444	<b>249,00</b>		
RM 110 UH, RM 112 UH, ZM 112 UHL	<b>MD 110</b>	8446	<b>335,00</b>		
RM 180 UH, RM 182 UH, ZM 182 UHL	<b>MD 180</b>	8447	<b>442,00</b>		 MD 180
RM 210 UH, RM 212 UH, ZM 212 UHL	<b>MD 210</b>	8448	<b>371,00</b>		 MD 210

**SONOREX TECHNIK**

**Supplementary equipment and peripheral units**

**Transport carts TW**

with lockable rolls.

suitable for	Type	Code No.	Price [€]
RK/DT/ST 1028 /H RK/DT/ST 1028 CH RM 40.2 /UH /U /H W 65	TW 40	8330	602,00
RK 1050, DT 1050 RK /DT/ST 1050 CH RM 75.2 /UH /U /H	TW 75	8331	619,00



TW 75

**Base frames UG**

with height adjustable feet, without rolls.

RK/DT/ST 1028 /H RK/DT/ST 1028 CH RM 40.2 /UH /U /H W 65	UG 40	8325	568,00
RK 1050, DT 1050 RK /DT/ST 1050 CH RM 75.2 /UH /U /H	UG 75	8326	583,00



UG 40

**Planing head holders HA**

Frame and holding axle made of stainless steel.

Mains supply 230 V~ (± 10 %), 50/60 Hz.

RM 40.2 UH	HA 40	8494	2.764,00
RM 110 UH	HA 110	8496	3.252,00
RM 112 UH, ZM 112 UHL	HA 112	8497	3.426,00
RM 210 UH	HA 210	8498	3.619,00



HA 40

**Oscillations MO**

Mains supply 230 V~ (± 10 %), 50/60 Hz.

RM 16.2 UH	MO 16.2	8306	3.453,00
RM 40.2 UH	MO 40	8303	3.956,00



MO 40

## Filtrations FA with pre- and fine filter incl. connection kit

Mains supply 230 V~, 50 Hz.

suitable for	Type	Code No..	Price [€]
RM 16.2 UH	FA 16	8608	4.370,00
RM 40.2 UH	FA 40	8609	4.370,00
RM 75.2 UH	FA 75	8610	4.721,00
RM 110 / 112 UH, ZM 112 UHL	FA 110	8611	4.837,00
RM 180 / 182 UH, ZM 182 UHL	FA 180	8612	4.837,00
RM 210 / 212 UH, ZM 212 UHL	FA 210	8613	4.837,00



FA 110

## Oil separators OX incl. connection kit

Mains supply 220 – 240 V~, 50 Hz.

RM 16.2 UH	OX 16	8600A	10.177,00
RM 40.2 UH	OX 40	8601A	10.177,00
RM 75.2 UH	OX 75	8602A	10.177,00
RM 110 / 112 UH, ZM 112 UHL	OX 110	8603A	10.293,00
RM 180 / 182 UH, ZM 182 UHL	OX 180	8604A	10.293,00
RM 210 / 212 UH, ZM 212 UHL	OX 210	8605A	10.293,00



OX 40

## Replacement filters for filtration FA and oil separator OX

	Type	Code no .	Price [€]	PU [pcs.]	Description
fine filter for FA 16/40 and OX	EF 1025	238	130,00	10	Polypropylene, 9 3/4 ", filter tenuity 25 µm
fine filter for FA 75/110/180/210	EF 2025	8585	268,00	10	Polypropylene, 20 ", filter tenuity 25 µm
prefilter for FA 16/40	EF 10 VF	794	69,00	1	Nylon, 9 3/4 ", filter tenuity 350 µm
prefilter for FA 75/110/180/210	EF 20 VF	8584	119,00	1	Nylon, 20 ", filter tenuity 350 µm

## Air circulation dryer UT

Mains supply 400 V 3N~ (± 10 %), 50/60 Hz

RM 16.2 UH	UT 16	8380	10.318,00
RM 40.2 UH	UT 40	8381	12.064,00
RM 75.2 UH	UT 75	8382	13.801,00



UT 75



### Trough dryer TO

Mains supply 400 V 3N~ (± 10 %), 50/60 Hz

suitable for	Type	Code No	Price [€]
RM 110/112 UH, ZM 112 UHL	TO 110	8337	17.249,00
RM 180/182 UH, ZM 182 UHL	TO 180	8338	22.859,00
RM 210/212 UH, ZM 212 UHL	TO 210	8339	24.444,00



## SONOREX TECHNIK RL 70.2 UH

### Ultrasonic baths – extra long

Frequency 40 kHz. Mains supply 230 V~ ± (10 %) 50/60 Hz. Heating 30–80 °C.

Welded tank made of stainless steel AISI 316L, 2 mm.



Type	Internal tank dimensions [l × w × d] [mm]	Operating volume [l]	Code No.	Price [€]	External dimensions l × w × h [mm]	Outlet ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Weight net [kg]
RL 70.2 UH	1700 × 250 × 250/280+	76.0	8224	6.107,00	1750 × 300 × 450	G ¾	4000	1000	2000	56.0

### Accessories

made of stainless steel

	Type	Code No.	Price [€]	Internal dimensions l × w × d [mm]	Description
insert basket	RE 70 L	8229	504,00	1578 × 216 × 63	KT 70 L necessary, mesh size 12 × 12 mm
basket holder	KT 70 L	8227	751,00	850 × 240 × 245	Load max. 40 kg
saw blade inset	SE 70 L	8225	222,00	–	KT 70 L necessary, 2 pcs.
lid	MD 70	8228	412,00	–	–



RE 70 L with KT 70 L



MD 70

\*corresponds to 4 times ultrasonic nominal power, + inclined tank bottom

## SONOREX TECHNIK W 65 / W 300

### Ultrasonic baths – especially for navigation

W 65 frequency 40 kHz. Mains supply 230 V~ (± 10 %), 50/60 Hz.

W 300 frequency 40 kHz, alternatively 25 kHz. Mains supply 400 V 3N~ (± 10 %), 50/60 Hz.

Heating 30–80 °C. Welded tank made of stainless steel AISI 316L, 2 mm.



W 65 (left), W 300 (right)

Type	Internal dimensions l × w × d [mm]	Operating volume [l]	Code No.	Price [€]	External dimensions l × w × h [mm]	Outlet ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Weight net [kg]
W 65	500 × 300 × 450	30.0	8190	3.952,00	560 × 360 × 650	G ½	1200	300	1450	30.0
W 300	1000 × 500 × 600	185.0	8343	14.032,00	1180 × 600 × 1000	G 1	2 × 4000	2 × 1000	7200	119.0

### Accessories

made of stainless steel

Type	Code No.	Price [€]	Internal dimensions l × w × d [mm]	Description
insert basket for W 65	WK 65	371,00	455 × 245 × 50	Mesh size 5 × 5 mm, load max. 10 kg
insert basket for W 300	WK 300	1.141,00	930 × 460 × 90	Mesh size 12.5 × 12.5 mm, load max. 20 kg
insert basket for W 300	WK 300 S	1.330,00	930 × 460 × 90	Mesh size 12.5 × 12.5 mm, load max. 40 kg
lid for W 65	WD 65	131,00	–	–
lid for W 300	WD 300	483,00	–	–



WD 65

## SONOREX TECHNIK L 220 / L 320 Ultrasonic baths

Frequency 40 kHz. Two-chamber tank made of stainless steel.

L 220: Mains supply 230 V~ (± 10 %), 50/60 Hz.

L 320: Mains supply 400 V 3N~ (± 10 %), 50/60 Hz.



SONOREX TECHNIK L 220 with LB 220 .2

Type	Internal tank dimensions l × w × d [mm]	Operating volume [l]	Code No.	Price [€]	External dimensions l × w × h [mm]	Outlet ball valve	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Weight net [kg]
L 220	2200 × 300 × 300/370 <sup>+</sup>	185.0 <sup>**</sup>	8290-Set	<b>27.075,00</b>	2320 × 750 × 850	G 1	2 × 4000	2 × 1000	260.0
L 320	3200 × 300 × 300/370 <sup>+</sup>	270.0 <sup>**</sup>	8291-Set	<b>43.100,00</b>	3320 × 750 × 850	G 1	4 × 4000	4 × 1000	383.0

### Accessories

made of stainless steel

	Code No.	Price [€]	Description
<b>suitable for ultrasonic bath L 220</b>			
LR 220	8435	<b>568,00</b>	Storage grid L 220, per chamber, two-part
D 220 H	8461	<b>738,00</b>	Lid with handles, two-part for unit with heating
D 220	8460	<b>738,00</b>	Lid with handles, two-part
H 220.3	8556	<b>4.500,00</b>	Insert heating with thermostat 6.3 kW
LB 220.3	8323	<b>16.383,00</b>	Lifting device with oscillation, with basket
FA 220	8614	<b>5.032,00</b>	Filtration with pre- and fine filter incl. connection kit
<b>suitable for ultrasonic bath L 320</b>			
LR 320	8436	<b>780,00</b>	Storage grid L 320, per chamber, three-part
D 320 H	8463	<b>893,00</b>	Lid with handles, three-part for unit with heating
D 320	8462	<b>893,00</b>	Lid with handles, three-part
H 320.3	8557	<b>4.660,00</b>	Insert heating with thermostat 7.0 kW
LB 320.3	8324	<b>16.597,00</b>	Lifting device with oscillation, with basket
FA 320	8615	<b>5.032,00</b>	Filtration with pre- and fine filter incl. connection kit



LR 220



detail L 320 with H 320.3

\*corresponds to 4 times ultrasonic nominal power    \*\*filling volume per chamber    +ultrasound / rinsing chamber

## SONOREX CNp 28-2 / L

### Ultrasonic baths with pulsed vacuum

CNp 28-2 L  
Variant with power setting on the generator

Frequency 35 kHz.

Mains supply 400 V 3N~ (± 10 %), 50/60 Hz.

Heating power 2,600 W per tank

Welded tank made of stainless steel AISI 316L, 2 mm.





#### Ready-to-use set:

- Ultrasonic bath  
SONOREX CNp 28-2 or CNp 28-2 L
- Inset basket K 28 EM (2 pcs.)
- Basket holder KT 28 (2 pcs.)

Type	Internal tank dimensions l x w x d [mm]	Operating volume** [l]	Code No.	Price [€]	External dimensions l x w x h [mm]	Outlet ball valve**	Ultrasonic peak power** [W]	Ultrasonic nominal power** [W]	Weight net [kg]
CNp 28-2	510 x 300 x 260/280 <sup>+</sup>	28.0	7200	64.840,00	1500 x 775 x 1040	G 1	1200	300	285.0
CNp 28-2 L	510 x 300 x 260/280 <sup>+</sup>	28.0	7210	65.300,00	1500 x 775 x 1040	G 1	240/ 480/ 960/ 1200	60/ 180/ 240/ 300	285.0

#### Accessories stainless steel

Type	Code No.	Price [€]	Description		
Inset basket	K 28 EM	7202	320,00	basket holder required, load max. 10 kg, inner dimensions 455 x 245 x 50 mm, mesh size 5 x 5 mm	 K 28 EM
Basket holder	KT 28	7203	165,00	for inset basket K 28 EM or 1/1 DIN basket, load max. 10 kg	 KT 28

\*\* per tank <sup>+</sup>inclined tank bottom

## TICKOPUR

### Cleaning agents

for laboratory, craft and industry

		Code No.	Price [€]	Code No.	Price [€]	Code No.	Price [€]	Code No.	Price [€]	Code No.	Price [€]
		1 litre		2 litres		5 litres		10 litres		200 litres	
TICKOPUR TR 2	<b>Special Cleaner</b> demulsifying, concentrate, anticorrosive, mildly acid, pH 2.5 (1 %), dosage 0.1–5 %	891	23,00	866	35,00	893	68,00	6015	112,00	851	1.170,00
TICKOPUR TR 3	<b>Special Cleaner</b> based on citric acid, concentrate, anticorrosive, phosphate-free, mildly acid, pH 2.8 (1 %), dosage 5 %	913	24,00	923	37,00	935	73,00	6016	122,00	973	1.320,00
TICKOPUR TR 7	<b>Universal Cleaner</b> demulsifying, concentrate, anticorrosive, mildly alkaline, pH 8.9 (1 %), dosage 0.1–5 %	836	25,00	867	37,00	838	76,00	6017	129,00	839	1.350,00
TICKOPUR TR 13*	<b>Intensive Cleaner</b> demulsifying, concentrate, silicate-free, alkaline, pH 12.1 (1 %), dosage 0.1–10 %	844	31,00	872	52,00	848	110,00	6018	196,00	853	1.890,00
TICKOPUR TR 14	<b>Flux Remover</b> tenside- and phosphate-free, concentrate, non-foaming, alkaline, pH 10.7 (1 %), dosage 10 %	859	18,00	873	25,00	861	45,00	6019	70,00	864	740,00
TICKOPUR R 27*	<b>Special Cleaner</b> based on phosphoric acid, concentrate, acid, pH 1.9 (1 %), dosage 5 %	815	47,00	874	83,00	816	188,00	6020	353,00	826	2.940,00
TICKOPUR R 30	<b>Neutral Cleaner</b> gentle to material, concentrate, anticorrosive, pH 7 (1 %), dosage 1–5 %	810	25,00	879	39,00	811	77,00	6021	130,00	814	1.175,00
TICKOPUR R 32	<b>Special Cleaner</b> without complexing agents, concentrate, gentle to material, mildly alkaline, pH 9.9 (1 %), dosage 0.25–5 %	828	24,00	882	37,00	832	73,00	6022	124,00	842	1.270,00
TICKOPUR R 33	<b>Universal Cleaner – EXAM-expertise</b> anticorrosive, concentrate, mildly alkaline, pH 11.1 (1 %), dosage 3–5 %	830	25,00	883	38,00	831	76,00	6023	129,00	837	1.320,00
TICKOPUR R 36	<b>Special Cleaner</b> tenside-free, concentrate, non-foaming, gentle to material, demulsifying, mildly alkaline, pH 10.0 (1 %), dosage 0.25–5 %	852	25,00	884	39,00	854	77,00	6024	130,00	858	1.370,00
TICKOPUR R 60*	<b>Intensive Cleaner</b> phosphate-free, concentrate, saponifying, alkaline, pH 12.3 (1 %), dosage 2–20 %	820	19,00	896	27,00	818	50,00	6025	80,00	845	820,00–
TICKOPUR RW 77	<b>Special Cleaner</b> with ammonia, concentrate, phosphate-free, gentle to material, mildly alkaline, pH 10.2 (1 %), dosage 5–10 %	870	27,00	898	44,00	871	89,00	6026	156,00	–	–
TICKOPUR J 80 U	<b>Deoxidising Agent</b> anti-tarnish, ready for use, cyanide free, gentle to material, application only in insert beakers, acid, pH 1.5	880	19,00	914	28,00	881	55,00	6027	90,00	–	–
TICKOPUR KS 1	<b>Corrosion Protection</b> for all ferrous metals, without solvents, neutral, for the indoor storage, pH 7.4 (1 %), dosage 0.2–2 %	–	–	6011	43,00	6012	87,00	–	–	–	–

## STAMMOPUR / TICKOMED

### Cleaning and disinfection agents

for medicine, dentistry, fire protection and hygiene

		Code No.	Price [€]	Code No.	Price [€]	Code No.	Price [€]	Code No.	Price [€]
		1 litre		2 litres		5 litres		10 litres	
STAMMOPUR DR 8*	<b>Instrument disinfection and intensive cleaning VAH-certified</b> concentrate, without aldehydes, chlorine, phenols, bactericidal, yeasticidal, limited virucidal and additionally against SV40 and adeno, all under high load, mildly alkaline, pH 9.4 (1 %), dosage 2–3 %	–	–	972	102,00	974	235,00	6028	446,00
STAMMOPUR R	<b>Instrument Cleaner</b> concentrate, phosphate free, mildly alkaline, pH 9.5 (1 %), dosage 2 %	988	25,00	934	39,00	989	78,00	6029	134,00
STAMMOPUR GR*	<b>Instrument Basic Cleaner</b> concentrate, application only in insert vessels, strongly acid, pH 1.9 (1 %), dosage 5 %, 50–60 °C	968	56,00	938	101,00	969	233,00	6031	443,00
STAMMOPUR AG	<b>Gypsum and alginate remover</b> ready for use, also for light metals, mildly alkaline, pH 7.7	905	32,00	825	52,00	906	110,00	6032	198,00
STAMMOPUR DB*	<b>Burr disinfection and intensive cleaning VAH-certified</b> ready for use, bactericidal, fungicidal, tuberculocidal, mycobactericidal, virucidal, all under high load, highly alkaline, pH 13.5	983	24,00	821	34,00	984	64,00	6033	106,00
STAMMOPUR RD 5	<b>Instrument Cleaner</b> concentrate, not for light metals, alkaline, pH 10.9 (1 %), dosage 3 %	900	33,00	827	50,00	901	104,00	6034	184,00
TICKOMED 1	<b>Dental Instrument Cleaner</b> concentrate, removes blood, secretions, sputum etc., also for light metals, mildly alkaline, pH 9.0 (1 %), dosage 3 %	947	26,00	904	42,00	949	84,00	6035	144,00
STAMMOPUR Z*	<b>Cement remover and prosthesis cleaner</b> concentrate, application only in insert vessels, not for light metals, strongly acid, pH 1.9 (1 %), dosage 5 %	927	56,00	822	101,00	928	233,00	6036	443,00
STAMMOPUR 24*	<b>Intensive Cleaning and Disinfection VAH-certified, EXAM-expertise</b> concentrate, without aldehydes, chlorine, phenols, bactericidal, yeasticidal, limited virucidal incl. H5N1, all under high load, mildly alkaline, pH 9.4 (1 %), dosage 1–2 %	–	–	977	102,00	978	235,00	6037	447,00

Dosing aids	usable for	Code No.	Price [€]
Pump ①	5-l-jerrycan	268	38,00
Pump ①	10-l-jerrycan	2660	38,00
Measuring beaker ②	100 ml	294	11,00



The agents of DR.H.STAMM GmbH are intended for sale to professional users only.  
A delivery to private persons is not provided.

Prices ex works including packing.

Minimum order quantity: standard packing, fibreboard box with 12 x 1 litres, 6 x 2 litres, 4 x 5 litres or 2 x 10 litres.

\*Transport regulations for 'Dangerous goods' have to be observed. No transport by airfreight.



**SONOPULS**

Ultrasonic homogenisers



Type	Code No.	Price [€]	Description
HD 5020	15020	4.604,00	Ultrasonic generator GM 5050, ultrasonic converter UW 5020, probe MS 1.5
HD 5050	15050	4.645,00	Ultrasonic generator GM 5050, ultrasonic converter UW 5020, probe TS 102
HD 4050	4050	4.179,00	Ultrasonic generator GM 4200, ultrasonic converter UW 50, probe TS 102
HD 4100	4100	4.624,00	Ultrasonic generator GM 4200, ultrasonic converter UW 100, standard horn SH 100 G, probe TS 103
HD 4200	4200	5.066,00	Ultrasonic generator GM 4200, ultrasonic converter UW 200, standard horn SH 200 G, probe TT 213
HD 4400	4400	7.889,00	Ultrasonic generator GM 4400, ultrasonic converter UW 400, standard horn SH 400 G, probe TS 425

Mains supply 230 V- (± 10 %), 50/60 Hz.

**Probes for connection to standard and booster horns**

suitable for HD:

Type	Code No.	Price [€]	Description	2070.2	2200.2	4050	4100	4200	4400	5020	5050
MS 72	492	255,00	Microtip Ø 2 mm	▪	▪						
MS 73	529	179,00	Microtip Ø 3 mm	▪	▪						
KE 76	530	197,00	Tapered tip Ø 6 mm	▪	▪						
TT 13	497	84,00	Titanium flat tip Ø 13 mm	▪	▪						
TT 13 FZ	496	126,00	Titanium flat tip Ø 13 mm with hole Ø 1,5 mm, for FZ 5 G, FZ 7 G	▪	▪		▪	▪			
VS 70 T	494	217,00	Probe Ø 13 mm, long	▪	▪						

## Continuation: Probes for connection to standard and booster horns

suitable for HD:

Type	Code No.	Price [€]	Description	2070.2	2200.2	4050	4100	4200	4400	5020	5050
VS 190 T	3638	388,00	Probe Ø 19 mm, long		▪						
VS 200 T	478	477,00	Probe Ø 25 mm, long		▪						
VS 70	500	249,00	Probe extension between SH 70 G/213 G and TT 13	▪	▪						
TS 113 V	3666	201,00	Probe extension between SH 100 G/ 200 G and TT 213				▪	▪			
TS 102	3740	249,00	Microtip Ø 2 mm			▪	▪				
TS 103	3741	229,00	Microtip Ø 3 mm			▪	▪	▪			
TS 104	3742	223,00	Microtip Ø 4 mm			▪	▪	▪			
TS 106	3743	188,00	Microtip Ø 6 mm			▪	▪	▪			
TS 109	3744	193,00	Microtip Ø 9 mm			▪	▪	▪			
TS 113	3745	188,00	Microtip Ø13 mm				▪	▪			
TS 216	3746	339,00	Microtip Ø 16 mm					▪			
TS 219	3747	402,00	Microtip Ø 19 mm					▪			
TS 225	3748	266,00	Microtip Ø 25 mm					▪			
TT 213	3750	77,00	Titanium flat tip Ø 13 mm					▪			
TS 413	3752	436,00	Microtip Ø 13 mm						▪		
TS 416	3753	468,00	Microtip Ø 16 mm						▪		
TS 419	3754	500,00	Microtip Ø 19 mm						▪		
TS 425	3755	522,00	Microtip Ø 25 mm						▪		
TS 432	3756	908,00	Microtip Ø 32 mm						▪		
TS 438	3757	987,00	Microtip Ø 38 mm						▪		
VS 20	3655	166,00	Probe extension between UW 5020 and MS 2.5							▪	
MS 1.5	3639	172,00	Microtip Ø 1.5 mm							▪	
MS 2.0	3654	165,00	Microtip Ø 2 mm							▪	
MS 2.5	3652	159,00	Microtip Ø 2.5 mm							▪	

## Titanium standard and booster horns

TH 100 G	3968	622,00	Standard horn, fix, Ø 13 mm				▪				
TH 200 G	3969	753,00	Booster horn, fix, Ø 13 mm					▪			
TH 400 G	3970	654,00	Booster horn, fix, Ø 25 mm						▪		
FZ 5 G	490	609,00	Flow-trough standard horn with TT 13 FZ	▪			▪				
FZ 7 G	452	883,00	Flow-trough booster horn with TT 13 FZ		▪			▪			
SH 100 G	3731	375,00	Standard horn				▪				
SH 200 G	3732	733,00	Booster horn					▪			
SH 400 G	3734	1.213,00	Standard horn						▪		



DG 4 G (left), TR 110 (middle), RZ 4 (right)

**Processing vessels, holders for probes and adapters**

suitable for HD

Type	Code No.	Price [€]	Description	2070.2	2200.2	4050	4100	4200	4400	5020	5050
DG 4 G	3608	1.751,00	Continuous flow-trough vessel, 50 l/h	▪	▪		▪	▪			
DZ 300 E	3822	1.529,00	Flow-trough cell with 2" thread , 130 l/h						▪		
BB 6	3605	1.744,00	Cup horn, made of plastic		▪			▪			
EH 6	7503	153,00	Microtube holder for BB 6		▪			▪			
BR 30	7510	1.526,00	Cup booster	▪	▪		▪	▪			
EH 3.1	7527	130,00	Microtube holder for BR 30	▪	▪		▪	▪			
TR 110	3902	2.310,00	Cup booster		▪			▪			
HE 6	3903	201,00	Holder for PCR tubes		▪			▪			
HE 12	3904	208,00	Holder for sample vessels with Ø 11.5 mm		▪			▪			
HE 13	3905	218,00	Holder for sample vessels with Ø 13 mm		▪			▪			
HE 17	3906	224,00	Holder for sample vessels with Ø 17 mm		▪			▪			
NA 29 G	540	153,00	Sleeve adapter for vessels with NS 29/32	▪	▪		▪	▪			
NA 45 G	487	161,00	Sleeve adapter for vessels with NS 45/40	▪	▪		▪	▪	▪		

**Processing vessels – made of glass**

KG 3	536	214,00	Cooling vessel, 15 ml	▪	▪	▪	▪	▪	▪		
KG 5	481	247,00	Cooling vessel, 70 ml		▪			▪			
DG 3	538	381,00	Flow-trough vessel, max. 5,6 l/h, with cooling jacket	▪	▪	▪	▪	▪			▪
DG 5	482	388,00	Flow-trough vessel, max. 30 l/h, with cooling jacket	▪	▪		▪	▪			
DG 6	3819	409,00	Flow-trough vessel, max. 30 l/h, with cooling jacket		▪			▪	▪		
RZ 1	3606	321,00	Rosette cell, 25 ml	▪	▪	▪	▪	▪			▪
RZ 2	3607	350,00	Rosette cell, 50 ml	▪	▪	▪	▪	▪			▪
RZ 3	522	335,00	Rosette cell, 100 ml	▪	▪		▪	▪	▪		
RZ 4	3256	443,00	Rosette cell, 410 ml		▪			▪	▪		
RZ 5	483	491,00	Rosette cell, 660 ml						▪		



LS 40 (left), HG 40 (right)

**Sound proof boxes, stands**

suitable for HD

Type	Code No.	Price [€]	Description	2070.2	2200.2	4050	4100	4200	4400	5020	5050
AH 50	3820	107,00	Adapter for UW 50 to LS 4			▪					▪
LS 40	36821	2.183,00	Sound proof box (30 dB noise reduction) + EU-plug	▪	▪	▪	▪	▪	▪		▪
	36822		Sound proof box (30 dB noise reduction) + CH-plug	▪	▪	▪	▪	▪	▪		▪
	36823		Sound proof box (30 dB noise reduction) + GB-plug	▪	▪	▪	▪	▪	▪		▪
	36824		Sound proof box (30 dB noise reduction) + US-plug	▪	▪	▪	▪	▪	▪		▪
HG 40	3681	959,00	Stand, made of stainless steel, with holder	▪	▪	▪	▪	▪	▪		▪
WH 40	3900	332,00	Holder for HG 40	▪	▪	▪	▪	▪	▪		▪
AT 40	3901	242,00	Support table for HG 40	▪	▪	▪	▪	▪	▪		▪
TM 50	3733	432,00	Temperature sensor for measuring the sample temperature, Ø 1.9 mm			▪	▪	▪	▪	▪	▪
WZ 1	7528	69,00	Tool set for probe mounting			▪					▪
WZ 2	7529	62,00	Tool set for probe mounting	▪	▪		▪	▪			
WZ 3	7530	75,00	Tool set for probe mounting						▪		
WZ 5	7533	51,00	Tool set for probe mounting							▪	
DMS 10	3662	321,00	Torque wrench for SW 10	▪	▪	▪	▪	▪			



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SONOPULS

Start

15:02

BANDELIN

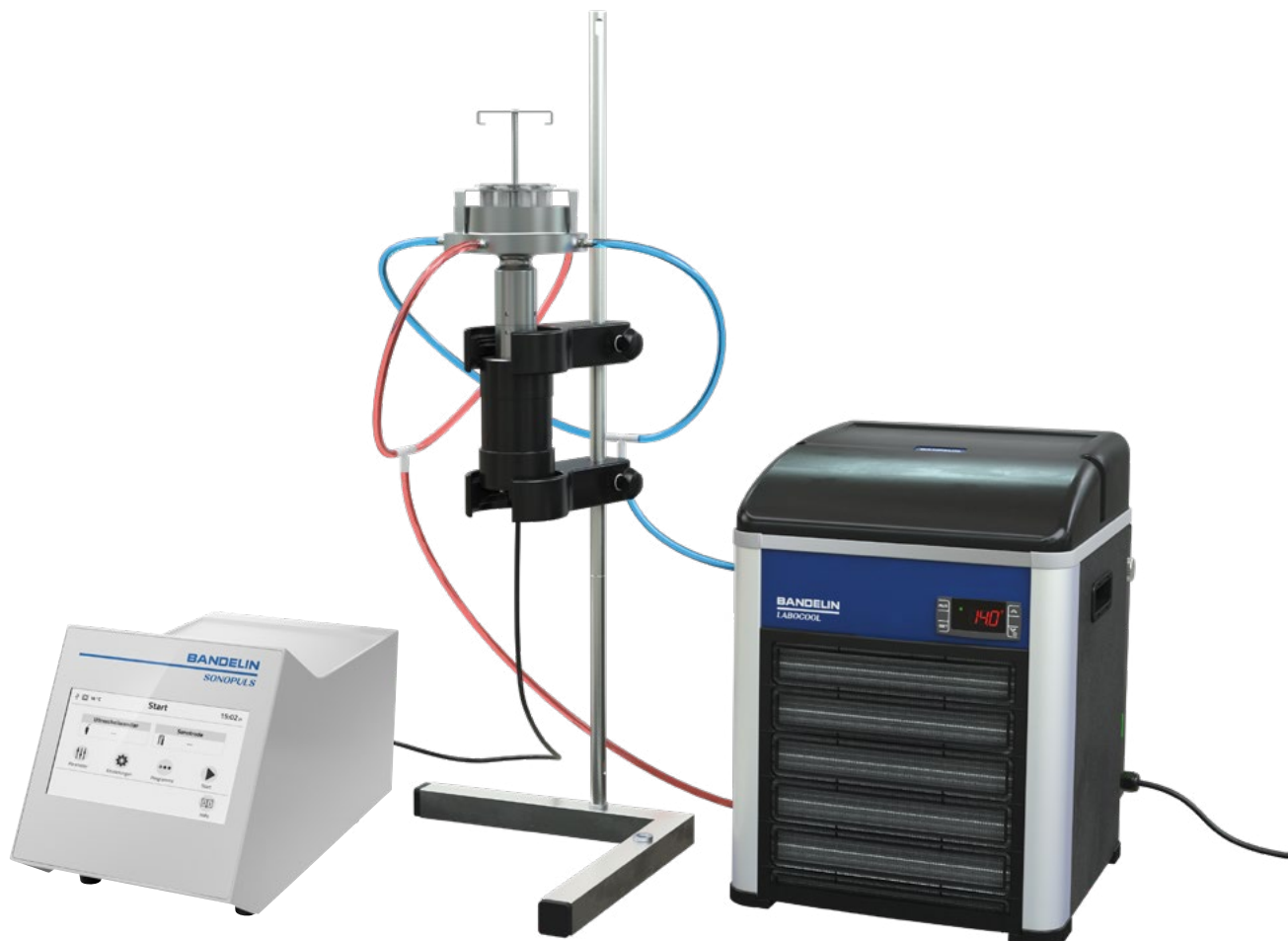
LABCOOL

14.0

**LABOCOOL LC 200**

Recirculating chiller for cooling of samples during indirect sonication with an ultrasonic homogeniser

Code No.	3855
Price [€]	3.945,00
Adjustable temperature range [°C]	5 – 30
Max. liquid temperature [°C]	38
Cooling power [W]	200
Refrigerant type	R-290
Refrigerant quantity [g]	90
Temperature display	✓
Outlet	left, 4 mm
Inlet	left, 4 mm
External dimensions l × w × h [mm]	415 × 320 × 420
Mains supply	230 V ~ (± 10 %), 50 Hz
Current consumption [A]	1.5
Weight net [kg]	18





**SONOREX TECHNIK**  
Sonoreactors



Detail tube reactorbloc 3"

**SONOBLOC, 1000 W, 25 kHz**

consisting of tube reactorbloc and ultrasound generator



Cconnection versions	Type	Code No.	Price [€]
Pipe ends for 2"-Victaulic-connection	SB 8-1002.01	808701	9.124,00
Pipe ends for 2"-Victaulic-connection Housing: Degree of protection IP 65	SB 81-1002.01	808707	9.564,00
Pipe ends with male thread R 2"	SB 8-1002.02	808702	9.330,00
Pipe ends with flange connection DIN 2633 ND 16 DN 50	SB 8-1002.03	808703	9.765,00
Pipe ends for clamp connection (Tri-Clamp), DIN 32676, clamp flange end ISO, DN 50	SB 8-1002.04	808704	9.682,00

**SONOBLOC, 1000 W, 40 kHz**

consisting of tube reactorbloc and ultrasound generator

Pipe ends for 2"-Victaulic-connection	SB 8-1004.01	836701	9.124,00
Pipe ends with male thread R 2"	SB 8-1004.02	836702	9.330,00
Pipe ends with flange connection DIN 2633 ND 16 DN 50	SB 8-1004.03	836703	9.765,00
Pipe ends for clamp connection (Tri-Clamp), DIN 32676, clamp flange end ISO, DN 50	SB 8-1004.04	836704	9.682,00

**SONOBLOC, 2000 W, 25 kHz**

consisting of tube reactorbloc and ultrasound generator

Pipe ends for 3"-Victaulic-connection	SB 101-2002.01	808720	15.922,00
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**VORTEX reactors, 1400 W, 25 kHz**

consisting of Vortex reactorbloc and ultrasound generator

Connection versions	Type	Code No.	Price [€]
Pipe ends for 2"-Victaulic-connection	WR 4-1402.01	835001	11.004,00
Pipe ends with male thread R 2"	WR 4-1402.02	835002	11.198,00
Pipe ends with flange connection DIN 2633 ND 16 DN 50	WR 4-1402.03	835003	11.644,00
Pipe ends for clamp connection (Tri-Clamp), DIN 32676, clamp flange end ISO, DN 50	WR 4-1402.04	835004	11.555,00

**VORTEX reactors, 1500 W, 25 kHz / 40 kHz**

consisting of Vortex reactorbloc and ultrasound generator

Pipe ends for 2"-Victaulic-connection	WR 4-1503.01	835101	12.356,00
Pipe ends with male thread R 2"	WR 4-1503.02	835102	12.536,00
Pipe ends with flange connection DIN 2633 ND 16 DN 50	WR 4-1503.03	835103	12.997,00
Pipe ends for clamp connection (Tri-Clamp), DIN 32676, clamp flange end ISO, DN 50	WR 4-1503.04	835104	12.914,00

**VORTEX reactors, 1600 W, 40 kHz**

consisting of Vortex reactorbloc and ultrasound generator

Pipe ends for 2"-Victaulic-connection	WR 4-1604.01	835201	12.536,00
Pipe ends with male thread R 2"	WR 4-1604.02	835202	12.741,00
Pipe ends with flange connection DIN 2633 ND 16 DN 50	WR 4-1604.03	835203	13.184,00
Pipe ends for clamp connection (Tri-Clamp), DIN 32676, clamp flange end ISO, DN 50	WR 4-1604.04	835204	13.100,00

GEFÖRDERT VOM

Bundesministerium  
für Bildung  
und Forschung

WR 4-1503.01

**Accessories**

Victaulic-connection, consisting of: 2 pcs. pipe socket, made of stainless steel AISI 316L Ø 60,3 × 3,6 × 100 mm long, for welding into existing pipe system 2 pcs. 2"-Victaulic coupling with EPDM gasket	VAS 2	8368	442,00	
Victaulic-connection, consisting of: 2 pcs. pipe socket, made of stainless steel AISI 316L Ø 88,9 × 3,6 × 100 mm long, for welding into existing pipe system 2 pcs. 3"-Victaulic coupling with EPDM gasket	VAS 3	8371	703,00	
2"-Victaulic coupling with EPDM gasket, for the connection of 2 reactorblocs in series	VAK 2	8370	94,00	
3"-Victaulic coupling with EPDM gasket, for the connection of 2 reactorblocs in series	VAK 3	8372	252,00	
Clamp-connection (Tri-Clamp), consisting of: 2 clamp connections ISO, short DN 50, made of stainless steel AISI 316L, Ø 60,3 × 2 × 28 mm long, for welding into existing pipe system 2 clamps for flanges Ø 77,5 mm	KAS 2	8369	824,00	

## Made in Germany

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Decoration products are not included in delivery.

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