

SONOREX TECHNIK

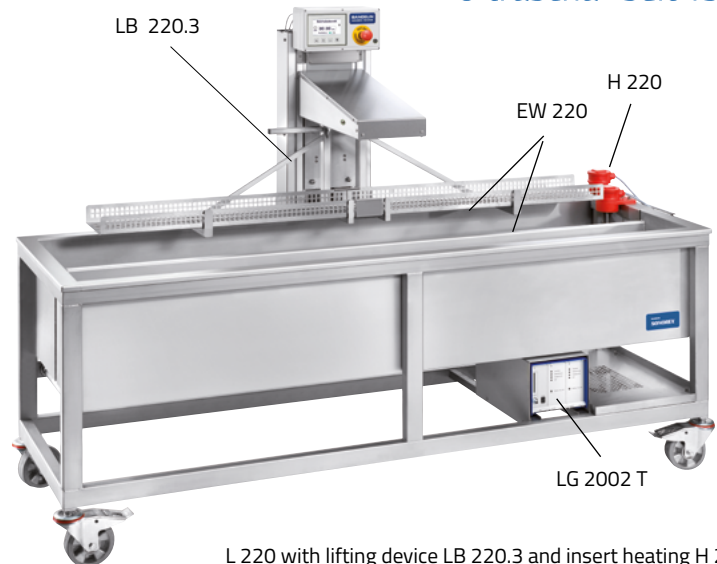
L 220 / L 320

High-power ultrasonic baths for aqueous fluids

Mobile double tank for cleaning and rinsing of long parts, blinds and slats.

Additional equipment:

Lifting device for lifting the basket in and out with oscillation, to enhance the cleaning effect, as well as heater to hang in the tank with temperature control.



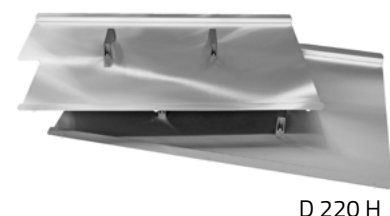
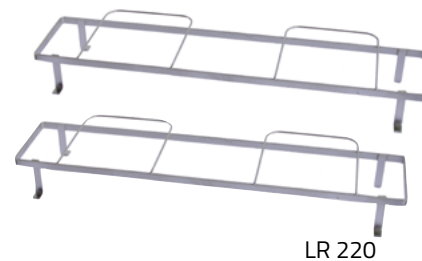
L 220 with lifting device LB 220.3 and insert heating H 220

Ultrasonic bath	L 220	L 320
Consisting of:		
▪ Double tank with rack	EW 220	EW 320
▪ Ultrasound generator	LG 2002 T	LG 4004 F
Code No.	8290-Set	8291-Set
	EW 220	EW 320
Ultrasonic chamber (behind)		
Internal dimensions, l × w × d	2200 × 300 × 300 mm	3200 × 300 × 300 mm
Internal dimensions with installed level switch, l × w × d	2140 × 300 × 300 mm	3140 × 300 × 300 mm
Filling level from top of immersible transducers	240 mm	240 mm
Capacity	225 l	325 l
Operating volume up to filling level mark	185 l	270 l
Level switch	✓	✓
Immersible transducers at the tank bottom	2 × T 4024 AB	4 × T 4020AB
Dimensions immersible transducers, l × w × h	870 × 160 × 60 mm	730 × 160 × 60 mm
Ultrasonic nominal power	2000 W	4000 W
Ultrasonic frequency	40 kHz	40 kHz
Rinsing chamber (in front)		
Internal dimensions, l × w × d	2200 × 300 × 370 mm	3200 × 300 × 370 mm
Internal dimensions with installed level switch, l × w × d	2140 × 300 × 370 mm	3140 × 300 × 370 mm
Filling level mark from the tank bottom	310 mm	310 mm
Capacity	245 l	355 l
Operating volume up to filling level mark	205 l	295 l
Level switch	optional	optional
Ultrasonic chamber / rinsing chamber		
Tank corners	rectangular form	
Material	stainless steel AISI 316L, 2 mm	
Tank bottom	straight, with drain at the bottom 1"	
Outlet	ball valve G 1, incl. hose and hose sockets, rear left brass, galvanically coated	

	EW 220	EW 320
Rack		
External dimension incl. double tank, l × w × h	2320 × 750 × 850 mm	3320 × 750 × 850 mm
External dimensions compl. with lifting device LB, l × w × h	2320 × 1040 × 1770 mm	3320 × 1040 × 1770 mm
External dimensions compl. with lifting device LB and insert heating H, l × w × h	2520 × 1040 × 1770 mm	3520 × 1040 × 1770 mm
Material	stainless steel AISI 304	
Rolls	2 of 4 rolls lockable	3 of 6 rolls lockable
Ultrasound generator	LG 2002 T	LG 4004 F
Code No.	9542	9578
Power modules	2 pieces	4 pieces
Power setting	10 – 100 %	
Ultrasonic peak power corresponds to 4 times ultrasonic nominal power		
	2 × 4000 W	4 × 4000 W
Ultrasonic nominal power	2 × 1000 W	4 × 1000 W
Ultrasonic frequency	40 kHz	40 kHz
Pulse function	✓	✓
External dimensions, l × w × h	218 × 405 × 198 mm	488 × 405 × 203 mm
Material	aluminium, powder coated	
Degree of protection	IP 20	
Mains supply	230~ (± 10 %), 50/60 Hz	400 V 3N ~ (± 10 %), 50/60 Hz
Power consumption	2.5 kW	4.5 kW
Current consumption per phase, max.	13.1 A	13.1 A
Main fuse	16 A	3 × 16 A
Leakage current	< 3.5 mA	< 3.5 mA
Mains cable	2 m, fixed at the generator, with EU plug CEE 7/7 (type E+F)	3 m, fixed at the generator, with three-phase plug CEKON 16 A
	L 220	L 320
Environmental conditions		
Permissible ambient temperature	5 – 40 °C	
Permissible relative humidity to 31 °C	80 %	
Permissible relative humidity to 40 °C	50 %	
Shipping information		
Weight, net	260 kg	330 kg
Packing, l ×w × h	1 special pallet 2800 × 1200 × 1200 mm	1 special pallet, 3700 × 1150 × 1325 mm

Accessories for ultrasonic bath L 220

Type	Code No.	Description
LR 220	8435	storage grid per chamber, two-part, stainless steel total load up to 40 kg dimensions 1000 × 285 × 110 mm, l × w × h
D 220	8460	lid, two-part, stainless steel
D 220 H	8461	lid, two-part, for bath with heating, stainless steel



Accessories for ultrasonic bath L 320

LR 320	8436	storage grid per chamber, three-part, stainless steel total load up to 40 kg dimensions 1000 × 285 × 110 mm, l × w × h
D 320	8462	lid, three-part, stainless steel
D 320 H	8463	lid, three-part, for bath with heating, stainless steel



Accessories for ultrasound generator

FS 15 L	8466	remote control with timer cable with plug, 7 m length time setting 1 – 15 min, ± 10 % continuous operation (∞)
FS 7	8468	remote control cable with 7 m cable length, one sided with plug



Supplementary equipment L 220

Type	Code No.	Description
H 220	8567	insert heating with temperature control 0 °C to 80 °C nominal power 6.3 kW 400 V 3N ~ (± 10 %), 50/60 Hz
LB 220.3	8323	lifting device with oscillation and basket, stainless steel load up to 40 kg basket, internal dimensions 950 × 215 × 60 mm, l × w × d (open at the narrow sides) mesh size 12 x 12 mm



H 220

Supplementary equipment L 320

H 320	8568	insert heating with temperature control 0 °C to 80 °C nominal power 7 kW, 400 V 3N ~ (± 10 %), 50/60 Hz
LB 320.3	8324	lifting device with oscillation and basket, stainless steel load up to 40 kg basket, internal dimensions 1440 × 215 × 60 mm, l × w × d (open at the narrow sides) mesh size 12 x 12 mm



LB 220.3



Peripheral units L 220 / L 320

FA 220	8614	filtration with pre- and fine filter incl. connection kit
FA 320	8615	filtration with pre- and fine filter incl. connection kit



FA 220

Caution!

Do not use combustible liquids, acids, chemicals containing chloride ions and household cleaners.

Do not place items on the tank bottom.

Recommendation: Special cleaning agents TICKOPUR