

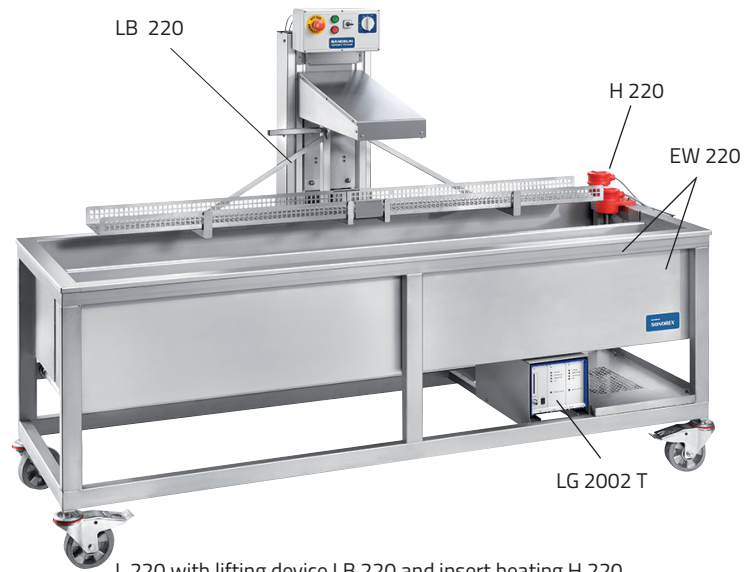
## **SONOREX TECHNIK** **L 220 / L 320**

### 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 into resp. out of the bath the basket with oscillation to enhance the cleaning effect, as well as insert-heating with temperature control.



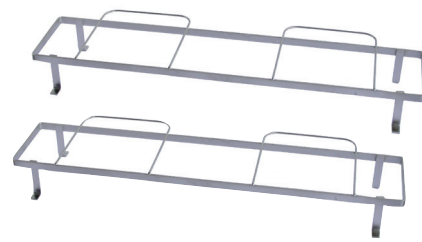
L 220 with lifting device LB 220 and insert heating H 220

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
<b>Ultrasonic chamber (behind)</b>		
Internal dimensions, l × w × d	2200 × 300 × 300 mm	3200 × 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
Immersible transducers at the tank bottom	2 × T 4024AB	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	
<b>Rinsing chamber (in front)</b>		
Internal dimensions, l × w × d	2200 × 300 × 370 mm	3200 × 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	300 l
<b>Ultrasonic chamber / rinsing chamber</b>		
Tank corners	rectangular form	
Material	stainless steel AISI 316L	
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
Tank rack		
External dimension incl. double tank, l × w × h	2320 × 750 × 850 mm	3320 × 750 × 850 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	
Pulse function	✓	
Housing		
External dimensions, l × w × h	218 × 405 × 198 mm	488 × 405 × 203 mm
Material	aluminium, powder coated	
Degree of protection	IP 20	
Power supply		
Mains supply	230~ (± 10 %), 50/60 Hz	400 V 3N ~ (± 10 %), 50/60 Hz
Power consumption	2.0 kW	4.0 kW
Current consumption per phase, max.	13.1 A	
Main fuse	16 A	
Leakage current	< 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	383 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 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



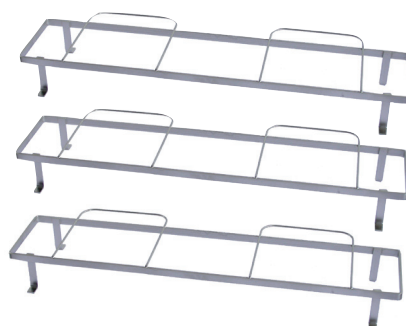
LR 220



D 220 H

#### Accessories for ultrasonic bath L 320

LR 320	8436	storage grid per chamber - three-part, stainless steel 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



LR 320



D 320

#### 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



FS 15 L



FS 7

#### 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	8320	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



LB 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	8321	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

#### 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