

SONOREX TECHNIK W 300

High-power ultrasonic bath
for aqueous fluids



W 300

Code No.	8343 - 40 kHz 8342 - 25 kHz
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Oscillating tank

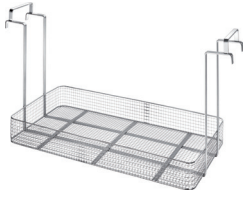

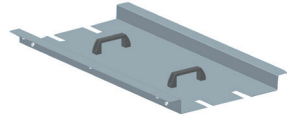

Internal dimensions, l × w × d	1000 × 500 × 600 mm
Filling level mark	350 mm
Tank edges	rectangular form
Capacity	320 l
Operating volume up to filling level mark	185 l
Material	stainless steel AISI 316L, 2 mm
Outlet / Inlet	3-way ball valve G 1 incl. hose and hose socket , on the left side; brass, galvanically coated
Tank bottom	straight

Ultrasound

Ultrasonic peak power corresponds to 4 times ultrasonic nominal output	2 × 4000 W
Ultrasonic nominal power	2 × 1000 W
Ultrasonic frequency	40 kHz or 25 kHz
Pulse function	✓
Oscillating systems	40 pieces at tank bottom
Control	turning knob
Time setting	<ul style="list-style-type: none"> ■ 1 – 15 min, ± 5 % ■ continuous operation (∞)

Temperature control	
Adjustable temperature range	30 – 80 °C
Heating power	7200 W
Housing	
External dimensions, l × w × h	1180 × 600 × 1000 mm
Housing material	stainless steel AISI 304
Handles	on the sides
Degree of protection	IP 32
Feet	4 height adjustable feet
Power supply	
Mains supply	400 V 3 N~ (± 10 %), 50/60 Hz
Power consumption	9.2 kW
Current consumption	max. 14.8 A
Leakage current	< 3.5 mA
Mains cable	3 m, fixed at the unit, with three-phase plug CEKON 16 A
Protection class I	✓
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 gross	119 kg 147 kg
Packing, l × w × d	1 special pallet, 1400 × 800 × 1100 mm

Accessories

Type	Code No.	Discription	
WK 300	8347	insert basket stainless steel load up to 20 kg internal dimensions 930 × 460 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
WK 300 S	8348	insert basket stainless steel load up to 40 kg internal dimensions 930 × 460 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
WD 300	8346	lid especially for use in shipping stainless steel	
MD 180	8447	lid stainless steel	

Caution!

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

Do not place items on the tank bottom.

Recommendation: Special cleaning agents TICKOPUR

Subject to technical alterations without notice. Dimensions subject to production tolerances.
Illustrations exemplary, not true to scale. Decoration products are not included in delivery.

2218b GB/2020-04

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Zertifiziert nach
ISO 9001
ISO 13485