

SONOREX TECHNIK
RM 210 - Module series

High-power ultrasonic baths and rinsing baths
for aqueous cleaning solutions

- RM 210 UH: Ultrasonic bath with heating
- RM 210 U: Ultrasonic bath without heating
- RM 210 H: Rinsing bath with heating, without ultrasound
- RM 210: Rinsing bath without heating, without ultrasound





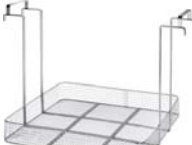
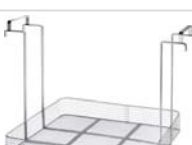


RM 210 UH

	RM 210 UH	RM 210 U	RM 210 H	RM 210
Code No.	8270 - 40 kHz 8280 - 25 kHz	8271 - 40 kHz 8281 - 25 kHz	8272	8273
Oscillating tank / rinsing tank				
Internal dimensions, l x w x d	750 x 650 x 500 mm			
Fill level mark	400 mm			
Upper edge overflow gutter	455 mm			
Tank edges	rectangular form			
Capacity	270 l			
Operating volume up to fill level mark	210 l			
Filling volume up to upper edge overflow gutter	245 l			
Material	stainless steel AISI 316, 2 mm, welded			
Outlet / Inlet	3-way ball valve G 1 incl. hose and hose sockets, on the left side; brass, galvanically coated			
Overflow, tightly welded	ball valve G 1 incl. hose socket, on the right side; brass, galvanically coated			
Overflow gutter	one the right side			
Sprinkle tube	on the left side			
Tank bottom	straight			





	RM 210 UH	RM 210 U	RM 210 H	RM 210
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Ultrasound				
Ultrasonic peak output corresponds to 4 times ultrasonic nominal output	2 × 4000 W		-	
Ultrasonic nominal output	2 × 1000 W		-	
Ultrasonic frequency	40 kHz or 25 kHz		-	
Pulse function	✓			
PZT oscillating systems	40 pieces at tank bottom		-	
Control	turning knob			-
Time setting	1 – 15 min and ∞		-	
Temperature control				
Heating, thermostatically adjustable	30 – 80 °C	-	30 – 80 °C	-
Heating power	7200 W	-	7200 W	-
Housing				
External dimensions , l × w × h	930 × 750 × 800 mm			
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 3N~ (± 10 %), 50/60 Hz			
Power consumption	9.2 kW	2.0 kW	7.2 kW	-
Current consumption per phase	max. 14.8 A	max. 4.4 A	max. 10.5 A	-
Leakage current	< 3.5 mA	< 3.5 mA	< 3.5 mA	-
Mains cable	3 m, fixed at the unit, with three-phase plug CEKON 16 A			
Environmental conditions				
Permissible ambient temperature	5 – 40 °C			
Permissible relative humidity to 31 degree	80 %			
Permissible relative humidity to 40 degree	50 %			
Shipping information				
Weight net gross	110 kg 140 kg	102 kg 126 kg	90 kg 125 kg	82 kg 115 kg
Packing, l × w × h	1 special pallet 1200 × 1000 × 1100 mm			
Customs tariff No. unit	85437090	85437090	73269098	73269098
CE-marked	✓			

Accessories

Type	Code No.	Description	
MK 210	8425	insert basket, stainless steel load up to 20 kg internal dimensions 680 × 610 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
MK 210 S	8478	insert basket, stainless steel load up to 40 kg internal dimensions 680 × 610 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
MK 210 B	8419	insert basket, stainless steel, applicable for lifting device MB load up to 20 kg internal dimensions 680 × 610 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
MK 210 BS	8483	insert basket, stainless steel, applicable for lifting device MB load up to 40 kg internal dimensions 680 × 610 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
MD 210	8448	lid, stainless steel	
TB 210	8405	drop plate, stainless steel, between two tanks if using a MB	

Supplementary equipment

WG 210-2	8526	rack for 2 tanks, in connection with MB 210 B	
WG 210-3	8527	rack for 3 tanks, in connection with MB 210 B	
WG 210-4	8528	rack for 4 tanks, in connection with MB 210 B	
MB 210	8312	lifting device with oscillation, for one unit	
MB 210 B	8316	lifting device with oscillation, in connection with WG 210	MB 210 B with WG 210-2
KV 210	8455	cascade tube between two tanks	
HA 210	8498	planing head holder stainless steel	
LU 210	8434	air agitation for rinsing baths compressed air connection up to 6 bar	

Peripheral units

Type	Code No.	Description	
FA 210	8613	filtration with pre- and main filter incl. connection kit	 <p>FA 620 + APF 110/180/210</p>
OX 210	8605A	oil separator incl. connection kit	 <p>OX 500 + AOX 110/180/210</p>
WA 210	8637A	DI-water-preparation device incl. connection kit	 <p>WA 500 + AWA 110/180/210</p>
TO 210	8339	trough dryer internal dimensions 750 x 650 x 500 mm, l x w x d	

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