

**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

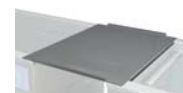
	RM 210 UH	RM 210 U	RM 210 H	RM 210
Code No.	8270 - 40 kHz 8280 - 25 kHz	8271 - 40 kHz 8281 - 25 kHz	8272	8273
<b>Oscillating tank / rinsing tank</b>				
Internal dimensions, l x w x d	750 x 650 x 500 mm			
Fill level mark	400 mm			
Upper edge overflow gutter	455 mm			
Tank edges	rectangular form			
Capacity	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 316L, 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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<b>Ultrasound</b>				
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 ∞		-	
<b>Temperature control</b>				
Heating, thermostatically adjustable	30 – 80 °C	-	30 – 80 °C	-
Heating power	7200 W	-	7200 W	-
<b>Housing</b>				
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			
<b>Power supply</b>				
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			
<b>Environmental conditions</b>				
Permissible ambient temperature	5 – 40 °C			
Permissible relative humidity to 31 degree	80 %			
Permissible relative humidity to 40 degree	50 %			
<b>Shipping information</b>				
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
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



MB 210 B with WG 210-2



KV 210



HA 210



LU 210

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