

**SONOREX TECHNIK**  
**RM 110 - Module series**

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

- RM 110 UH: Ultrasonic bath with heating
- RM 110 U: Ultrasonic bath without heating
- RM 110 H: Rinsing bath with heating, without ultrasound
- RM 110: Rinsing bath without heating, without ultrasound



RM 110 UH

	RM 110 UH	RM 110 U	RM 110 H	RM 110
Code No.	8230 - 40 kHz 8240 - 25 kHz	8231 - 40 kHz 8241 - 25 kHz	8232	8233







**Oscillating tank / rinsing tank**

Internal dimensions, l x w x d	600 x 450 x 450 mm
Fill level mark upper edge overflow gutter	350 mm 405 mm
Tank edges	rectangular form
Capacity	135 l
Operating volume up to fill level mark	110 l
Filling volume up to upper edge overflow gutter	125 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	on the right side
Sprinkle tube	on the left side
Tank bottom	straight






	RM 110 UH	RM 110 U	RM 110 H	RM 110
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<b>Ultrasound</b>					
Ultrasonic peak output corresponds to 4 times ultrasonic nominal output	4000 W		-		
Ultrasonic nominal output	1000 W		-		
Ultrasonic frequency	40 kHz or 25 kHz		-		
Pulse function	✓				
PZT oscillating systems	20 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	4800 W	-	4800 W	-	
<b>Housing</b>					
External dimensions, l × w × h	780 × 550 × 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	5.8 kW	1.0 kW	4.8 kW	-	
Current consumption per phase	max. 10.5 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	72 kg 94 kg	67 kg 92 kg	60 kg 81 kg	55 kg 76 kg
Packing, l × w × h	1 special pallet 1100 × 750 × 1100 mm				
Customs tariff No. unit	85437090	85437090	73269098	73269098	
CE-marked	✓				

**Accessories**

Type	Code No.	Description	
MK 110	8423	insert basket, stainless steel load up to 20 kg internal dimensions 530 × 410 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
MK 110 S	8476	insert basket, stainless steel load up to 40 kg internal dimensions 530 × 410 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
MK 110 B	8417	insert basket, stainless steel, applicable for lifting device MB load up to 20 kg internal dimensions 530 × 410 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
MK 110 BS	8481	insert basket, stainless steel, applicable for lifting device MB load up to 40 kg internal dimensions 530 × 410 × 90 mm, l × w × d mesh size 12.5 × 12.5 mm	
MD 110	8446	lid, stainless steel	
TB 110	8403	drop plate, stainless steel, between two tanks if using a MB	

**Supplementary equipment**

WG 110-2	8520	rack for 2 tanks, in connection with MB 110 B	
WG 110-3	8521	rack for 3 tanks, in connection with MB 110 B	
WG 110-4	8522	rack for 4 tanks, in connection with MB 110 B	
MB 110	8310	lifting device with oscillation, for one unit	
MB 110 B	8314	lifting device with oscillation, in connection with WG 110	
KV 110	8453	cascade tube between two tanks	
HA 110	8496	planing head holder, stainless steel	
LU 110	8432	air agitation for rinsing baths compressed air connection up to 6 bar	

Peripheral units

Type	Code No.	Description	
FA 110	8611	filtration with pre- and main filter incl. connection kit	 <p>FA 620 + APF 110/180/210</p>
OX 110	8603A	oil separator incl. connection kit	 <p>OX 500 + AOX 110/180/210</p>
WA 110	8635A	DI-water-preparation device incl. connection kit	 <p>WA 500 + AWA 110/180/210</p>
TO 110	8337	trough dryer, internal dimensions 600 x 500 x 350 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