

## **SONOREX TECHNIK**

### **RM 40 - Module series**

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

- RM 40 UH: Ultrasonic bath with heating
- RM 40 U: Ultrasonic bath without heating
- RM 40 H: Rinsing bath with heating, without ultrasound
- RM 40: Rinsing bath without heating, without ultrasound



RM 40 UH

	RM 40 UH	RM 40 U	RM 40 H	RM 40
Code No.	8210	8211	8212	8213
<b>Oscillating tank / rinsing tank</b>				
Internal dimensions, l × w × d	480 × 300 × 300 mm			
Fill level mark	200 mm			
Upper edge overflow gutter	235 mm			
Tank edges	rectangular form			
Capacity	45 l			
Operating volume up to fill level mark	30 l			
Filling volume up to upper edge overflow gutter	36 l			
Material	stainless steel AISI 316L, 2 mm, welded			
Outlet / Inlet	3-way ball valve G 3/4 incl. hose and hose sockets, on the left side; brass, galvanically coated			
Overflow, tightly welded	with closing cap G 1, on the right side			
Overflow gutter	on the right side			
Tank bottom	straight			
<b>Ultrasound</b>				
Ultrasonic peak output corresponds to 4 times ultrasonic nominal output	2000 W		-	
Ultrasonic nominal output	500 W		-	
Ultrasonic frequency	40 kHz		-	
Pulse function	✓			
SweepTec®	✓		-	
PZT oscillating systems	10 pieces at tank bottom		-	
Control	turning knob			-
Time setting	1 – 15 min and ∞		-	

	RM 40 UH	RM 40 U	RM 40 H	RM 40
<b>Temperature control</b>				
Heating, thermostatically adjustable	30 – 80 °C	-	30 – 80 °C	-
Heating power	1250 W	-	1250 W	-
<b>Housing</b>				
External dimensions, l × w × h	540 × 340 × 500 mm			
Material	stainless steel AISI 304			
Handles	on the sides			
Degree of protection	IP 32			
Feet	4 rubber feet			
<b>Power supply</b>				
Mains supply	230 V~ (± 10 %), 50/60 Hz			
Power consumption	1.75 kW	0.5 kW	1.25 kW	-
Current consumption	7.7 A	2.2 A	5.5 A	-
Leakage current	< 3.5 mA	< 3.5 mA	< 3.5 mA	-
Mains cable	2 m, fixed at the unit, with safety plug CEE 7/7 (type E+F)			
<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	26 kg 29 kg	25 kg 28 kg	23 kg 26 kg	23 kg 26 kg
Packing, l × w × h	1 carton, 670 × 470 × 565 mm			
Customs tariff No. unit	85437090	85437090	73269098	73269098
CE-marked	✓			

**Accessories**

Type	Code No.	Description
MK 40 B	8409	insert basket, stainless steel also for lifting device MB and oscillation MO load up to 10 kg internal dimensions 430 x 240 x 50 mm, l x w x d mesh size 5 x 5 mm
MK 40 S	8410	insert basket, stainless steel load up to 40 kg internal dimensions 430 x 240 x 50 mm, l x w x d mesh size 5 x 5 mm
MK 40 BS	8411	insert basket, stainless steel for lifting device MB load up to 40 kg internal dimensions 430 x 240 x 50 mm, l x w x d mesh size 5 x 5 mm
MD 40	8442	lid, stainless steel
TB 40	8401	drop plate, stainless steel, between two tanks



**Supplementary equipment**

UG 40	8325	base frame stainless steel with height adjustable feet
TW 40	8330	transport cart stainless steel with lockable rolls
MO 40	8303	Oscillation
WG 40-2	8508	rack for 2 tanks, in connection with MB 40
WG 40-3	8501	rack for 3 tanks, in connection with MB 40
WG 40-4	8509	rack for 4 tanks, in connection with MB 40
MB 40	8301	lifting device with oscillation, in connection with WG 40
KV 40	8451	cascade tube between two tanks
HA 40	8494	planing head holder stainless steel



MO 40



WG 40-4 with MB 40



KV 40



HA 40

Peripheral units

Type	Code No.	Description
FA 40	8609	filtration with pre- and main filter incl. connection kit
OX 40	8601A	oil separator incl. connection kit
WA 40	8633A	DI-water-preparation device incl. connection kit
TO 40	8335	trough dryer internal dimensions 500 x 300 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