

SONOREX TECHNIK

RM 16 - Module series

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

- RM 16 UH: Ultrasonic bath with heating
- RM 16 U: Ultrasonic bath without heating
- RM 16 H: Rinsing bath with heating, without ultrasound
- RM 16: Rinsing bath without heating, without ultrasound



RM 16 UH

	RM 16 UH	RM 16 U	RM 16 H	RM 16
Code No.	8200	8201	8202	8203
Oscillating tank / rinsing tank				
Internal dimensions, l × w × d	325 × 275 × 200 mm			
Fill level mark upper edge overflow gutter	135 mm 150 mm			
Tank edges	rectangular form			
Capacity	20 l			
Operating volume up to fill level mark	13 l			
Filling volume up to upper edge overflow gutter	15 l			
Material	stainless steel AISI 316L, 2 mm, welded			
Outlet / Inlet	3-way ball valve G ½ incl. hose and hose sockets, on the left side; brass, galvanically coated			
Overflow, tightly welded	with closing cap G 1, at the rear side			
Overflow gutter	at the rear side			
Tank bottom	straight			
Ultrasound				
Ultrasonic peak output corresponds to 4 times ultrasonic nominal output	1200 W		-	
Ultrasonic nominal output	300 W		-	
Ultrasonic frequency	40 kHz		-	
Pulse function	✓			
SweepTec®	✓		-	
PZT oscillating systems	6 pieces at tank bottom		-	
Control	turning knob			-
Time setting	1 – 15 min and ∞		-	

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Temperature control

Heating, thermostatically adjustable	30 – 80 °C	-	30 – 80 °C	-
Heating power	800 W	-	800 W	-

Housing

External dimensions, l × w × h	365 × 340 × 390 mm			
Material	stainless steel AISI 304			
Handles	on the sides			
Degree of protection	IP 32			
Feet	4 rubber feet			

Power supply

Mains supply	230 V~ (± 10 %), 50/60 Hz			
Power consumption	1.1 kW	0.3 kW	0.8 kW	-
Current consumption	4.8 A	1.4 A	3.5 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)			

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	17 kg 21 kg	16 kg 20 kg	15 kg 19 kg	14 kg 17 kg
Packing, l × w × h	1 carton, 475 × 445 × 465 mm			
Customs tariff No. unit	85437090	85437090	73269098	73269098
CE-marked	✓			

Accessories

Type	Code No.	Description
MK 16 B	8408	insert basket, stainless steel also applicable for lifting device MB and oscillation MO load up to 10 kg internal dimensions 275 × 245 × 50 mm, l × w × d mesh size 5 × 5 mm
MD 16	8440	lid, stainless steel
TB 16	8400	drop plate, stainless steel, between two tanks



Supplementary equipment

MO 16.2	8306	oscillation
WO 16-1	8656	rack for 1 tank, in connection with MO 16.2
WO 16-2	8657	rack for 2 tanks, in connection with MO 16.2
WO 16-3	8658	rack for 3 tanks, in connection with MO 16.2
WO 16-4	8659	rack for 4 tanks, in connection with MO 16.2
WG 16-2	8506	rack for 2 tanks, in connection with MB 16
WG 16-3	8500	rack for 3 tanks, in connection with MB 16
WG 16-4	8507	rack for 4 tanks, in connection with MB 16
MB 16	8300	lifting device with oscillation, in connection with WG 16
KV 16	8450	cascade tube between two tanks



WO 16-3



WG 16-4



MB 16 with WG 16-4



Peripheral units

Type	Code No.	Description
FA 16	8606	filtration with pre- and main filter incl. connection kit
OX 16	8600A	oil separator incl. connection kit
WA 16	8632A	DI-water-preparation device incl. connection kit
TO 16	8334	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