

SONOREX TECHNIK
RM 75 - Module series

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

RM 75 UH:	Ultrasonic bath with heating
RM 75 U:	Ultrasonic bath without heating
RM 75 H:	Rinsing bath with heating, without ultrasound
RM 75:	Rinsing bath without heating, without ultrasound



RM 75 UH

	RM 75 UH	RM 75 U	RM 75 H	RM 75
Code No.	8220	8221	8222	8223

Oscillating tank / rinsing tank

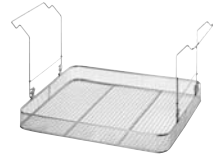




Internal dimensions, l × w × d	580 × 500 × 300 mm			
Fill level mark	200 mm			
Upper edge overflow gutter	235 mm			
Tank edges	rectangular form			
Capacity	90 l			
Operating volume up to fill level mark	60 l			
Filling volume up to upper edge overflow gutter	70 l			
Material	stainless steel AISI 316L, 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			

Ultrasound





Ultrasonic peak output corresponds to 4 times ultrasonic nominal output	4000 W	-	
Ultrasonic nominal output	1000 W	-	
Ultrasonic frequency	40 kHz	-	
Pulse function	✓		
SweepTec®	✓	-	
PZT oscillating systems	20 pieces at tank bottom	-	
Control	turning knob		-
Time setting	1 – 15 min and ∞	-	

	RM 75 UH	RM 75 U	RM 75 H	RM 75
Temperature control				
Heating, thermostatically adjustable	30 – 80 °C	-	30 – 80 °C	-
Heating power	1950 W	-	1950 W	-
Housing				
External dimensions, l × w × h	640 × 540 × 530 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	2.95 kW	1.0 kW	1.95 kW	-
Current consumption	12.9 A	4.4 A	8.5 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	42 kg 68 kg	41 kg 66 kg	31 kg 56 kg	30 kg 55 kg
Packing, l × w × h	1 pallet, 1200 × 800 × 740 mm			
Customs tariff No. unit	85437090	85437090	73269098	73269098
CE-marked	✓			

Accessories

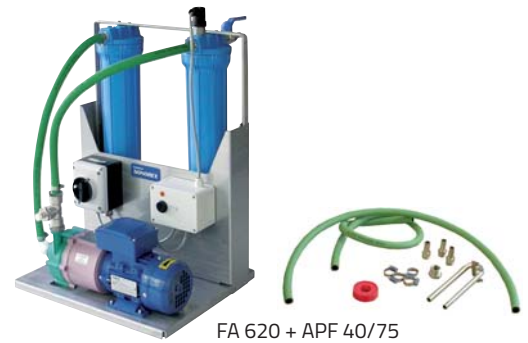
Type	Code No.	Description	
MK 75 B	8416	insert basket, stainless steel also for lifting device MB load up to 10 kg internal dimensions 530 × 445 × 50 mm, l × w × d mesh size 12.5 × 12.5 mm	
MK 75 S	8475	insert basket, stainless steel load up to 40 kg internal dimensions 530 × 445 × 50 mm, l × w × d mesh size 12.5 × 12.5 mm	
MK 75 BS	8429	insert basket, stainless steel for lifting device MB load up to 40 kg internal dimensions 530 × 445 × 50 mm, l × w × d mesh size 12.5 × 12.5 mm	
MD 75	8444	lid, stainless steel	
TB 75	8402	drop plate, stainless steel, between two tanks	

Supplementary equipment

UG 75	8326	base frame stainless steel with height adjustable feet	
TW 75	8331	transport cart stainless steel with lockable rolls	
WG 75-2	8517	rack for 2 tanks, in connection with MB 75	 WG 75-4 with MB 75
WG 75-3	8502	rack for 3 tanks, in connection with MB 75	
WG 75-4	8518	rack for 4 tanks, in connection with MB 75	
MB 75	8302	lifting device with oscillation, in connection with WG 75	
KV 75	8452	cascade tube between two tanks	 KV 75

Peripheral units

Type	Code No.	Description
FA 75	8610	filtration with pre- and main filter incl. connection kit
OX 75	8602A	oil separator incl. connection kit
WA 75	8634A	DI-water-preparation device incl. connection kit
TO 75	8336	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