

SONOREX TECHNIK

RM 40.2 - Module series

High-power ultrasonic baths and rinsing baths
for aqueous liquids

RM 40.2 UH:	Ultrasonic bath with heating
RM 40.2 U:	Ultrasonic bath without heating
RM 40.2 H:	Rinsing bath with heating, without ultrasound
RM 40.2:	Rinsing bath without heating, without ultrasound



RM 40.2 UH

	RM 40.2 UH	RM 40.2 U	RM 40.2 H	RM 40.2
Code No.	8214	8215	8216	8217

Oscillating tank / rinsing tank

Internal dimensions, l × w × d	475 × 300 × 300/315* mm, *inclined tank bottom
Filling level mark from the tank bottom	200 mm
Upper edge overflow gutter from the tank bottom	235 mm
Tank edges	rectangular form
Capacity	46 l
Operating volume up to filling level mark	31 l
Filling volume to overflow gutter	36 l
Tank material	stainless steel AISI 316L, 2 mm, welded
Outlet / Inlet	3-way ball valve G ¾ 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	inclined

Ultrasound

Ultrasonic peak power corresponds to 4 times ultrasonic nominal power	2000 W	-
Ultrasonic nominal power	500 W	-
Ultrasonic frequency	40 kHz	-
Pulse function	✓	-
Sweep	✓	-
Oscillating systems	10 pieces at tank bottom	-
Control	turning knob	-
Time setting	1 – 15 min and continuous operation	-

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Temperature control				
Heating, thermostatically adjustable	30 – 80 °C	-	30 – 80 °C	-
Heating power	1250 W	-	1250 W	-
Housing				
External dimensions, l x w x h	540 x 340 x 495 mm			
Housing 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	1.75 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 EU 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	26 kg 29 kg	25 kg 28 kg	23 kg 26 kg	23 kg 26 kg
Packing, l x w x h	1 carton, 670 x 470 x 565 mm			

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



MK 40 B



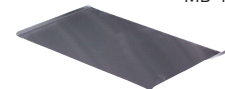
MK 40 S



MK 40 BS



MD 40



TB 40

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



UG 40



TW 40



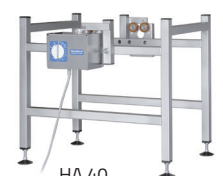
MO 40



WG 40-4 with MB 40



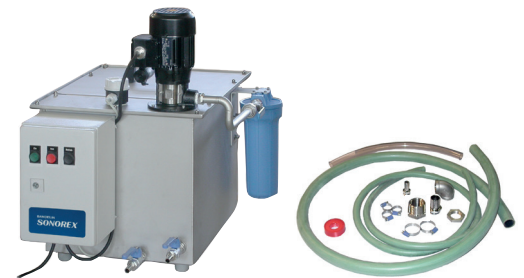
KV 40



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



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Subject to technical alterations without notice. Dimensions subject to production tolerances.
Illustrations exemplary, not true to scale. Decoration products are not included in delivery.

2378 GB/2020-01

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