

Saw blade cleaning with high power ultrasonic



Example: **SONOREX TECHNIK** RM 16 UH with SA 16

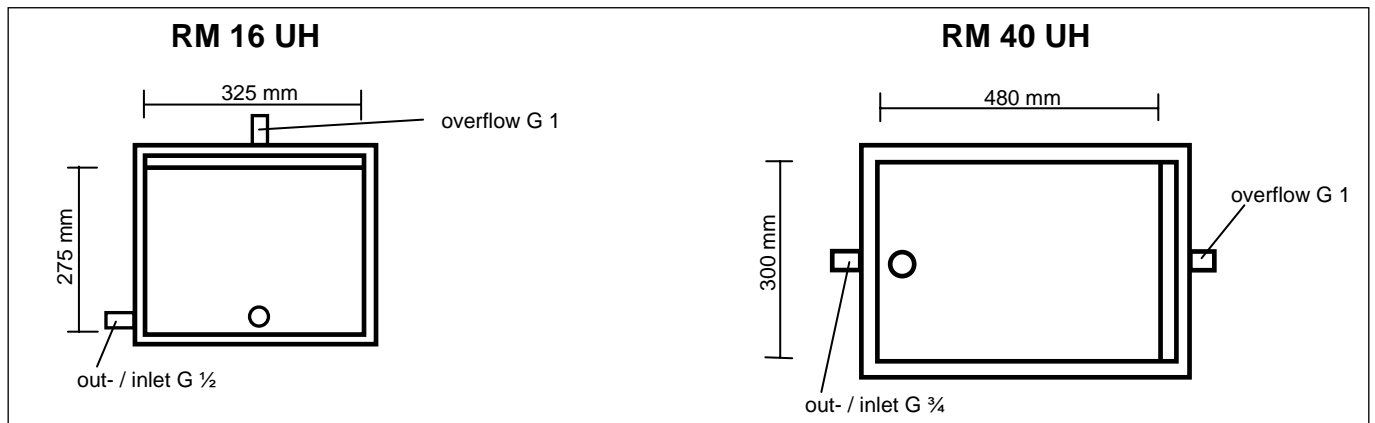
- Rapid cleaned saw blades, no additional cleaning necessary
- Simultaneous cleaning of several saw blades
- Powered axle drive
- Universal support for different saw blades
- Use of basket to clean small parts without removing the saw blade holder
- Simply retrofit on existing ultrasonic unit
- Time and cost-saving compared to manual cleaning
- Recommended cleaning agent: TICKOPUR TR 13
- Removal of minor dirt: TICKOPUR R 33

Saw blade holder SA for **SONOREX TECHNIK** ultrasonic units RM 16 UH and RM 40 UH

Type:	SA 16	SA 40
Order-No.:	8490	8491
Exterior dimensions (l x w x h):	380 x 530 x 85 mm	555 x 530 x 85 mm
Max. support dimensions (l x w):	365 x 340 mm	545 x 340 mm
Weight inclusive axis:	3,2 kg	3,6 kg
Usable saw blades dia _a :	240 – 300 mm	280 – 480 mm
For ultrasonic unit:	RM 16 UH	RM 40 UH

Equipment:

- frame and saw blade axis are made of stainless steel 1.4301 (AISI 304)
- saw blade axis 1/2", other axis for different bore diameters (dia. 20 – 50 mm) are possible
- max. load 8,0 kg
- speed of the drive roll approx. 1 rpm
- timer 1 - 15 min and continuous operation
- timer and motor in ABS-housing
- motor with gear, 2,6 W
- mains connection 230 V~ 50/60 Hz, cable length 2 m



SONOREX TECHNIK Ultrasonic device Order-No.	RM 16 UH 8200	RM 40 UH 8210
Inner tank dimensions (l × w × d)	325 × 275 × 200 mm	480 × 300 × 300 mm
Capacity	20 litres	45 litres
Filling volume	15 litres up to overflow gutter	36 litres up to overflow gutter
Operating volume	13 litres up to filling mark	30 litres up to filling mark
Oscillating tank	stainless steel 1.4571 (AISI 316 Ti), 2 mm, welded	
Ultrasonic oscillating system	6 PZT-transducers below tank bottom	10 PZT-transducers below tank bottom
Ultrasonic peak output*	1200 W	2000 W
HF-output	300 W _{eff}	500 W _{eff}
HF-frequency	40 kHz, automatic frequency control	
Timer	1 - 15 min and continuous operation	
Heating	0,8 kW	1,25 kW
Heating, thermostatically adjustable	30 - 80 °C	
Mains supply	230 V~ 50/60 Hz, cable length 2 m, fixed	
Current consumption	4,8 A	7,7 A
Power consumption	1,1 kW	1,75 kW
Out- / inlet	3-way ball valve G 1/2, incl. hose and hose sockets 1/2"	3-way ball valve G 3/4, incl. hose and hose sockets 3/4"
Overflow	G 1, tightly welded, with closing cap	
Casing	stainless steel 1.4301	
Exterior dimensions (l × w × h)	365 × 340 × 390 mm	540 × 340 × 500 mm
Degree of protection	IP 32	
Weight	16,0 kg	26,0 kg
Lid made of stainless steel Order-No.	MD 16 8440	MD 40 8442
Basket made of stainless steel, 10 kg load Order-No.	MK 16 B 8408	MK 40 B 8409

UH: ultrasound and heating

* To achieve an improved efficiency, the ultrasound is modulated whereby a four times higher value of the HF-output is obtained as ultrasonic peak output.

24720g e/2008-05

Subject to technical alterations.

BANDELIN

info@bandelin.com
www.bandelin.com

**55 years of experience in
ultrasound technology**

Certified according to EN ISO 9001:2000
EN ISO 13485:2003

BANDELIN *electronic*

GmbH & Co. KG
Heinrichstraße 3-4 - D-12207 Berlin
Tel.: +49-30-768 80-0
Fax: +49-30-772 20 14