

SONOPUSH MONO HD[®]))

Ultrasonic rod transducers

SURFACE TECHNOLOGY



SONOPUSH MONO HD[®] rod transducers are up to the toughest of tasks. Offering 20% more power at the same transducer length, exemplary stability in continuous operation and temperature stability up to 95°C, they are truly heavy duty devices.

- Excellent service life due to a solid radiating element made of a special titanium alloy
- Extremely homogeneous sound field without gaps or dips due to omnidirectional sonic distribution
- Ideal for cleaning work – in vacuum and overpressure environments – as well as in environmental technology, for example breaking down sewage
- Extremely low space requirement
- High efficiency of more than 95%
- Standard frequencies: 25, 30 and 40 kHz

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Applications

With its SONOPUSH MONO HD® rod transducers, Weber Ultrasonics has further improved its SONOPUSH® series for the toughest of demands and applications – even in continuous operation at temperatures up to 95°C.

With 20% more output at the same length and offering vacuum and overpressure resistance up to 10 bar, they offer decisive advantages for all cleaning applications. And not only here: The 25 kHz version of the SONOPUSH MONO HD® has proven itself in breaking down sewage. The heavy duty transducers are also the first choice when retrofitting installations and containers, thanks to their compact design with minimal space requirement.

Effect

The extra output of the SONOPUSH MONO HD® models leads to significantly shorter cleaning times, which translates into more throughput and lower costs. The omnidirectional sound output generates a homogeneous sound field which guarantees smooth and effective cleaning.

Operational reliability

SONOPUSH MONO HD® rod transducers offer excellent operational reliability. The use of just one sound generator offers excellent performance here. It minimizes the risk of liquid penetrating into the unit. The entirely smooth surface of the transducer helps prevent soiling. In connection with ultrasonic generators by Weber Ultrasonics, SONOPUSH MONO HD® transducers offer 100% dry run protection.



SONOPUSH MONO® / SONOPUSH MONO HD®

SONOPUSH MONO HD® 25

Ultrasonic rod transducers Ø50/70 mm

25 kHz	Article	Type SPM	Length A* mm	Length A* mm
	504 001 01	600	198	410
	504 001 02	600	297	509
	504 001 03	1000	297	509
	504 001 04	1000	396	608
	504 001 05	1000	495	707
	504 001 06	1200	495	707
	504 001 07	1500	495	707
	504 001 08	1500	594	806
	504 001 09	1500	693	905
	504 001 10	2000	891	1103
	504 001 11	2000	1089	1301
	504 001 12	2000	1287	1499

SONOPUSH MONO HD® 30

Ultrasonic rod transducers Ø38/55 mm

30 kHz	Article	Type SPM	Length A* mm	Length A* mm
	504 501 01	600	270	448
	504 501 02	600	354	532
	504 501 03	1000	437	615
	504 501 04	1000	520	698
	504 501 05	1000	604	782
	504 501 06	1200	604	782
	504 501 07	1500	687	865

SONOPUSH MONO HD® 40

Ultrasonic rod transducers Ø30/55 mm

40 kHz	Article	Type SPM	Length A* mm	Length A* mm
	504 101 01	300	201	332
	504 101 02	500	264	395
	504 101 03	750	391	522
	504 101 04	1000	517	648
	504 101 05	1200	770	901

*Length A = Active radiated length

*Length B = Total length

Thread: 3/8" with 14, 30 or 40mm length
1" with 25mm length

Material: titanium special alloy.
Other materials on request.

Connection standards: 90° curved also available.
Stainless steel hose standard length 2 mm.
Other lengths on request.