

SONOPUSH HD®))

Ultrasonic rod transducers

CLEANING TECHNOLOGY



- **Maximum 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**

SONOPUSH HD® rod transducers

offer 20% more output with just one active head than comparable double-headed transducers. And they provide this impressive performance in continuous operation at temperatures up to 95°C.

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Applications

With its SONOPUSH HD® rod transducers, Weber Ultrasonics has further improved its SONOPUSH® series. The results: 20% more output at the same length, reliable in continuous operation, temperature resistant up to 95°C, vacuum and overpressure resistant up to 10 bar. With these properties they offer decisive advantages for all cleaning and environmental technology applications (for example breaking down sewage). The heavy duty SONOPUSH HD® rod 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 HD® models leads to significantly shorter cleaning times, which translates into more throughput and greater profitability. The omnidirectional sound output generates a homogeneous sound field which guarantees smooth and effective cleaning.

Operational reliability

SONOPUSH 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. In connection with ultrasonic generators by Weber Ultrasonics, SONOPUSH HD® transducers offer 100% dry run protection.



SONOPUSH HD®

SONOPUSH HD® 25

Ultrasonic rod transducers Ø50/70 mm

25 kHz	Article	Type SP	Length A* mm	Length B* mm
	503 001 01	600	198	528
	503 001 02	600	297	627
	503 001 03	1000	297	627
	503 001 04	1000	495	825
	503 001 05	1200	396	730
	503 001 06	1500	495	825
	503 001 07	1500	693	1023
	503 001 08	1500	891	1221
	503 001 09	2000	891	1221
	503 001 10	2000	1089	1419
	503 001 11	2000	1287	1617

SONOPUSH HD® 30

Ultrasonic rod transducers Ø38/55 mm

30 kHz	Article	Type SP	Length A* mm	Length B* mm
	503 501 01	600	270	542
	503 501 02	600	354	626
	503 501 03	1000	437	709
	503 501 04	1000	520	792
	503 501 05	1200	604	876
	503 501 07	1500	687	959

SONOPUSH HD® 40

Ultrasonic rod transducers Ø30/55 mm

40 kHz	Article	Type SP	Length A* mm	Length B* mm
	503 101 01	300	201	419
	503 101 02	500	264	482
	503 101 03	750	391	609
	503 101 04	1000	517	735
	503 101 05	1200	770	988

*Length A = Active radiated length

*Length B = Total length

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

Material: AL6V4

Other materials on request.

Connection standards: 90° curved also available.

Stainless steel hose standard length 2000 mm.

Other lengths on request.