

# SONOPUSH® ))

## Ultrasonic rod transducers

CLEANING TECHNOLOGY



### SONOPUSH® rod transducers

offer optimized operational reliability and high performance and are therefore ideal for retrofitting and replacing products from other manufacturers.

- 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
- Particularly suitable for cleaning work in vacuum and overpressure environments and for use with reactors, such as those used in ultrasonic chemistry
- Extremely low space requirement
- High efficiency of over 95 %
- Available for the frequencies 25, 30 and 40 kHz

#### Applications

The SONOPUSH® rod transducers are vacuum- and over-pressure-resistant up to 10 bar and are therefore ideal for use in cleaning units. Due to their low space requirements they are also extremely well-suited for subsequent fitting of containers and tanks. They always convince by their high performance.

#### Effect

The homogeneous sound field ensures an even and effective cleaning effect which is in no way inferior to transducers with 2 active generators.

#### Operational reliability

The design based on one active generator minimises the risk of liquid penetrating into the transducer since there are fewer coupling points and thus increases the operational reliability. In connection with ultrasonic generators by Weber Ultrasonics, SONOPUSH® rod transducers are absolutely safe to run dry.



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#### SONOPUSH® 25

Ultrasonic rod transducers Ø50/70 mm

25 kHz	Article	Type SP	Length A* mm	Length B* mm	kg
	503 000 01	600	198	438	4,6
	503 000 02	600	297	537	5,4
	503 000 03	1000	297	537	5,4
	503 000 04	1000	495	735	7,1
	503 000 05	1200	396	640	6,2
	503 000 06	1500	495	735	7,1
	503 000 07	1500	693	933	8,7
	503 000 08	1500	891	1131	10,4
	503 000 09	2000	891	1131	10,4
	503 000 10	2000	1089	1329	12,1
	503 000 11	2000	1287	1527	13,7

#### SONOPUSH® 30

Ultrasonic rod transducers Ø38/55 mm

30 kHz	Article	Type SP	Length A* mm	Length B* mm	kg
	503 500 01	600	270	456	1,6
	503 500 02	600	354	540	2,1
	503 500 03	1000	437	623	2,5
	503 500 04	1000	520	706	2,9
	503 500 05	1200	604	790	3,3
	503 500 07	1500	687	873	3,7

#### SONOPUSH® 40

Ultrasonic rod transducers Ø30/55 mm

40 kHz	Article	Type SP	Length A* mm	Length B* mm	kg
	503 100 01	300	201	367	0,8
	503 100 02	500	264	430	1,0
	503 100 03	750	391	557	1,4
	503 100 04	1000	517	683	1,7
	503 100 05	1200	770	936	2,5

\*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.