

SONOPLATE®))

Ultrasonic plate transducers

SURFACE TECHNOLOGY



SONOPLATE® ultrasonic plate transducers are fitted to the outside of containers using welded/press-on connections. This saves space and allows the most diverse of applications.

- Long service life due to use of a special steel alloy
- Excellent sonic yield due to optimized piezo transducers
- Space-saving design due to fitting on outside of containers using welded/press-on connections
- Can be supplied in different dimensions based on a repeat of 30 mm
- Standard frequencies are 25, 30, 40 and 80, 120 to 150 kHz
Other frequencies available on request
- **Multi-frequency transducers**
with 40, 80, 120 kHz and 25, 40, 60 kHz

Applications

SONOPLATE® plate transducers do not take up any space inside the cleaning tank. They are fitted on the outside of containers using welded/press-on connections at a suitably large container opening. SONOPLATE® plate transducers are therefore ideal both for new installations and retrofitting tanks where space is at a premium. With numerous standard and customisable frequencies, the transducers allow an extremely broad spectrum of applications, such as water-based cleaning, degreasing, electroplating, electronics, PCB technology, optics, maintenance. For applications that are particularly sensitive to soiling, such as medical equipment, the transducers are optionally available with angled diaphragms. This prevents soiling.

Effect

The sound generated is directed extremely accurately into the liquid by the diaphragm. The high-grade transducer elements developed by Weber Ultrasonics using piezo technology ensure maximum ultrasonic efficiency and thereby shorter treatment times.

Operational reliability

Using the best possible materials in the SONOPLATE® plate transducers ensures maximum operational reliability and long service life.



SONOPLATE® transducers

SONOPLATE® Ultrasonic plate transducers

25 kHz	Article	Type PS	Dimensions mm
	502 000 01	500	415×325×70
	502 000 02	600	415×325×70
	502 000 03	1000	415×325×70
	502 000 04	1000	775×205×70
	502 000 05	1200	415×415×70
	502 000 06	1200	775×335×70
	502 000 07	1500	445×445×70
	502 000 08	1500	775×335×70
	502 000 09	2000	595×415×70
	502 000 10	3000	895×445×70

30 kHz	Article	Type PS	Dimensions mm
	502 100 01	500	415×325×70
	502 100 02	600	415×325×70
	502 100 03	1000	415×325×70
	502 100 04	1000	775×205×70
	502 100 05	1200	415×415×70
	502 100 06	1200	775×335×70
	502 100 07	1500	445×445×70
	502 100 08	1500	775×335×70
	502 100 09	2000	595×415×70
	502 100 10	3000	895×445×70

40 kHz	Article	Type PS	Dimensions mm
	502 200 01	500	415×325×70
	502 200 02	600	415×325×70
	502 200 03	1000	415×325×70
	502 200 04	1000	775×205×70
	502 200 05	1200	415×415×70
	502 200 06	1200	775×335×70
	502 200 07	1500	445×445×70
	502 200 08	1500	775×335×70
	502 200 09	2000	595×415×70
	502 200 10	3000	895×445×70

Material:

Standard material: 1.4462/ 2 mm.
Different materials and thicknesses are available on request.

Shipping list:

Weld mounting frame, seal. Press-on mounting frame, set of screws in shipping list.