

Elmasonic X-tra XL 2700

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic X-tra XL 2700 (400 V) bottom sound	103 9918
Elmasonic X-tra XL 2700 (400 V) osc. bottom sound	103 9920
Elmasonic X-tra XL 2700 (400 V) 2-side sound	103 9922
Elmasonic X-tra XL 2700 (400 V) osc. 2-side sound	103 9924
Elmasonic X-tra XL 2700 (400 V) 3-side sound	103 9926
Elmasonic X-tra XL 2700 (400 V) osc. 3-side sound	103 9928
Cover (stainless steel)	103 5168
Flip-top-Cover (stainless steel)	103 4887
Basket (stainless steel)	104 9653

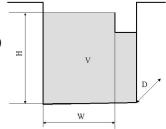


Further accessories on request

Strong and powerful stand-alone units for the industrial parts cleaning, available in 3 different sizes from 140 I up to 300 I tank capacity. Perfect for the removal of polishing pastes, particles and fats and oils. The units are equipped with multi-frequency transducer systems (25 / 45 kHz), mounted either to the bottom or to 2 or 3 sides. A separate device for controlling the cavitation fields can be ordered as an optional feature (on units with 2-side ultrasound). The control allows an additional optimized sound field distribution, stationary sound pressure maxima and minima are avoided. Cavitation damage and "surface shadows" on particularly sensitive surfaces are prevented. The surfaces are treated perfectly gently.

Product features

- ultrasonic frequency can be changed from 25 kHz for the coarse and pre-cleaning to 45 kHz for fine cleaning and vice versa
- "controlled cavitation field" (on units with 2-side ultrasound): for the optimized sound field distribution, the cavitation fields can be controlled. This is important for applications which require an even sound field distribution, such as on mirrored glass or metal surfaces
- Pulse mode to increase the ultrasonic power through sound wave modulation
- Sweep mode for an even distribution of the ultrasonic power
- Degas mode for the quick degassing of the fresh cleaning bath
- manual setting of the ultrasonic power between 10% and 100%
- powerful screw-type heating elements for a very high heating power
- ultrasonic tank made of special highly cavitation-proof stainless steel
- industrial control unit with display, simple operation, clearly arranged display
- oil overflow collecting basin for the connection of an oil separator (standard feature)
- carrier oscillation device for the rinsing of the removed particles in the bath (optional feature)
- hinged flap-top noise reduction cover (optional feature)
- automatic safety switch-off at a bath temperature of 90°C for the protection of the cleaning items against excess temperatures
- drain duct mounted to the back side, made of V2A stainless steel



Technical data

Mains voltage (Vac)	400 V	Basket internal dime
Mains connection	3 Ph. / 1N / 1 PE	Basket mesh size
Power consumption total (W)	13500 ¹ / 14500 ² / 14500 ³	Basket loading ma
Ultrasonic power effective (W)	$3000^1 / 4000^2 / 4000^3$	Unit-Weight (kg)
Ultrasonic peak performance max.* (W)	$12000^{1} / 16000^{2} / 16000^{3}$	Drain
Heating (W)	10500	Protection class
Unit outer dimensions W/D/H (mm)	1180 / 1170 / 1050	bottom sound design
Tank service dimensions W/D/H (mm)	720 / 600 / 545	2-side sound desig3-side sound desin
Tank service volume V (L)	300	* The signal form of t peak max.
Overflow capacity (litre)	32	рсак шах.

Basket internal dimensions W/D/H (mm)	660 / 525 / 380	0
Basket mesh size (mm)	30 / 30 / 3	
Basket loading max. incl. basket (kg)	100	į
Unit-Weight (kg)	155	
Drain	1 1/4"	
Protection class	IP 23	

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- the wave results in a factor 4 for the ultrasonic