

Elmasonic X-tra basic 1600

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic X-tra basic 800 (400 V)	102 7732
Lid (stainless steel)	102 7330
Flip-top-Cover (stainless steel)	102 7297
Basket (stainless steel)	102 7351
Further accessories on request	



Robust and powerful ultrasonic cleaning unit for industry and work shop. The Elmasonic X-tra basic series comprises 6 different unit sizes (300, 550, 800, 1200, 1600 and 2500). All units are equipped with multi-frequency (25/45 kHz, switchable), bottom sound and heating.

Product features

- ultrasonic tank made of extremely cavitation-proof stainless steel
- slanted tank floor to facilitate the draining of the cleaning liquid
- fixtures to hang the basket into the tank both in cleaning and dripping-off position
- sandwich-type performance transducer systems
- two ultrasonic frequencies available: 25 kHz for coarse and preliminary cleaning, and 45 kHz for fine cleaning
- integrated Sweep mode for a continuous shifting of sound field maxima, guarantees a more homogeneous sound field distribution in the bath
- activatable Pulse mode for an intensified ultrasonic cleaning power for tenacious contaminations; also the operational readiness of the unit (cavitation threshold reached) after an exchange of the cleaning liquid or after an exchange of baskets is optimized (through a shortening of the cleaning periods)
- heating with temperature control (30°C – 80°C)
- temperature-controlled ultrasonic operation: ultrasound starts automatically as soon as the preset temperature is reached
- automatic safety switch-off after 12 h operation to prevent unintended permanent operation
- automatic safety switch-off at 90 °C to protect the cleaning items against excess temperatures
- indication of set values and actual values on LED display
- housing made of V2A stainless steel
- rollers (lockable on X-tra basic 1200 and larger) to facilitate moving the empty unit
- drain duct on the unit side, made of V2A stainless steel
- hinged flip-top cover (optional)

Technical data

Mains voltage (Vac)	400 V	Basket internal dimensions W/D/H (mm)	480 / 525 / 300
Mains connection	3 Ph. / 1N / 1 PE	Basket mesh size bottom (mm)	20 / 20 / 2
Power consumption total (W)	9520	Basket mesh size site (mm)	10 / 10 / 1,6
Ultrasonic power effective (W)	2000	Basket loading max. (kg)	50
Ultrasonic peak performance max.* (W)	8000	Weight (kg)	85
Heating (W)	3 x 2500	Drain	3/4"
Unit outer dimensions W/D/H (mm)	676 / 750 / 800	Material tank	stainless steel
Tank internal dimensions W/D/H (mm)	600 / 600 / 450	Material casing	stainless steel AISI 304
Tank max. volume (L)	162	Protection class	IP 23
Tank service volume (L)	133	*The signal form of the wave results in a factor 4 for the ultrasonic peak max.	