

Elmasonic X-tra pro 800

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic X-tra pro 800 MF2 (400 V)	101 9586
Elmasonic X-tra pro 800 MF3 (400 V)	102 6905
Stand	100 4647
Lid (stainless steel)	100 7167
Basket (stainless steel)	120 800 0686

Further accessories on request

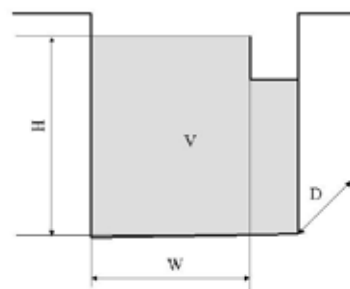


Pictured Elmasonic X-tra pro 550

Robust and powerful ultrasonic cleaning unit for the industrial application. The unit is equipped with connection sockets for various peripheric equipment (e.g. filter-pump system, oil separator) and for an external control system (PLC / PC). Easy operation via keys and display. The Elmasonic X-tra pro units are available in 5 different sizes (300, 550, 800, 1200 and 1600).

Product features

- ultrasonic tank made of extremely cavitation-proof stainless steel (V4A)
- inclined tank floor to facilitate the draining of the cleaning liquid
- skimming ledge for the optional surface skimming, e.g. of oil
- bottom scouring of removed sediments (optional)
- sandwich-type performance transducer systems
- two ultrasonic frequencies, switchable in one unit (version MF2 25 kHz/45 kHz or version MF3 37 kHz/130kHz), for either intensive, or gentle cleaning
- user-friendly operation by keys and display; 5 display languages available
- setting and starting of up to 5 user-defined cleaning programmes
- timer for the programming of day controlled or time controlled cleaning start, and user-defined switch-off
- activatable 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.
- activatable degas mode for the efficient degassing of the cleaning liquid and for special laboratory cleaning tasks
- manual setting of ultrasonic intensity
- 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
- level monitoring with integrated automatic safety switch-off in case of too low liquid level
- housing made of V2A stainless steel
- drain duct made of V2A stainless steel, mounted to the unit rear
- connection ducts for the optional connection of peripheric equipment (e.g. filter-pump system, oil separator)
- connection to an external control system possible (PLC / PC)



Technical data

Mains voltage (Vac)	1 x 400 V / N / PE	Tank service volume (L)	84
Power consumption total (W)	6810	Basket internal dimensions W/D/H (mm)	244 / 424 / 340
Ultrasonic power effective (W)	1000	Basket mesh size (mm)	8 / 8 / 1
Ultrasonic peak performance max.* (W)	4000	Basket loading max. (kg)	30
Heating (W)	2 x 2900	Drain	1"
Unit-Weight (kg)	59	Material tank	stainless steel V4A
Unit outer dimensions W/D/H (mm)	497 / 691 / 718	Material casing	stainless steel V2A
Tank service dimensions W/D/H (mm)	296 / 501 / 459	Protection class	IP 23