

Elmasonic X-tra Line 1200 Flex 1

Modular ultrasonic cleaning unit
with oscillation device

Elma Order Nos.

Elma X-tra 1200 MF2O	103 3291
Elma X-tra 1200 MF3O	103 3292
Stainless steel basket EKO 1200	101 1662
Stainless steel cover EDO 1200	101 1744
Further accessoires on request	

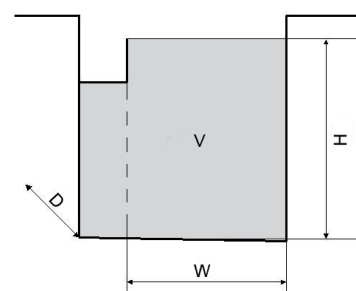


Pictured Elmasonic X-tra Line 550 Flex 1

Ultrasonic single workstation for the industrial cleaning, available in 5 different unit sizes (300, 550, 800, 1200 and 1600) and two different models each: multi-frequency 25 / 45 kHz (MF2) or 35 / 130 kHz (MF3). The unit is equipped with an oscillation device for the cleaning basket which assists and improves the cleaning effect of the ultrasound, and which also provides a drip-off support for the stainless-steel basket. The units of the Elmasonic X-tra pro series can be combined with a rinsing tank (with / without heating) and a hot air dryer of the relevant size. The units are delivered including support frame.

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)
- 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 unit (Vac)	3 x 400 V / N / PE	Tank filling volume V (L)	112
Mains plug / Connected load (A)	CEKON / 32	EKO Basket int. dim. W/D/H (mm)	436 / 509 / 222
Power consumption total ultrasonic cleaner (W)	9320	EKO Basket mesh size (mm)	8 / 8 / 1
Ultrasonic power effective (W)	1800	EKO Basket loading max. (kg)	40
Ultrasonic peak performance max.* (W)	7200	Drain	1"
Heating (W)	7500	Material tank	Stainless steel V4A
Power consumption total oscillation (W)	320	Unit Weight (kg)	200
Unit outer dimensions W / D / H (mm)	730 / 1070 / 1500	Protection class	IP 23
Tank service dimensions W / D / H (mm)	550 / 600 / 303	* The signal form of the wave results in a factor 4 for the ultrasonic peak max.	