

Elmasonic X-tra Line 300 Flex 2

Modular ultrasonic cleaning & rinsing unit
with oscillation device

Elma Order Nos.

Elma X-tra 300 MF2OSI	103 3311
Elma X-tra 300 MF2OSHI	103 3313
Elma X-tra 300 MF3OSI	103 3312
Elma X-tra 300 MF3OSHI	103 3314
Stainless steel cover EDO 300	100 4982
Stainless steel basket EKO 300	103 3083
Further accessoires on request	

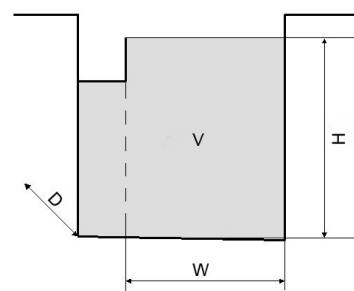


Pictured Elmasonic X-tra Line 550 Flex 2

Modular cleaning line consisting of ultrasonic cleaning unit plus rinsing unit, available in 5 different unit sizes (300, 550, 800, 1200 and 1600). There are two different models for each size: multi-frequency 25/45 kHz (MF2) or 37/130 kHz (MF3). Available rinsing tank models (S): with heating (H) or without heating. The oscillation device for the cleaning basket assists and improves the cleaning and rinsing effect and also provides a drip-off support for the stainless-steel basket (EKO). The cleaning line can be fitted with a hot air dryer (WLT) 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 (Vac)	1 x 230-240 V / N / PE	Tank filling volume V (L)	32
Mains plug / Connected load (A)	CEKON / 32	EKO Basket int. dim. W/D/H (mm)	248 / 258 / 188
Power consumption total ultrasonic cleaner (W)	2300	EKO Basket mesh size (mm)	8 / 8 / 1
Ultrasonic power effective (W)	600	EKO Basket loading max. (kg)	20
Ultrasonic peak performance max.* (W)	2400	Drain	1"
Heating rinsing tank** (W)	1700	Material tank	Stainless steel V4A
Power consumption oscillation (W)	170	Unit weight (kg)	80
Unit outer dimensions W / D / H (mm)	500 / 770 / 1100	Protection class	IP 23
Tank service dimensions W / D / H (mm)	327 / 332 / 250		

* The signal form of the wave results in a factor 4 for the ultrasonic peak max.

** Rinsing tank with heating