

Elmasonic X-tra Line 800 Flex 2

Modular ultrasonic cleaning & rinsing unit
with oscillation device

Elma Order Nos.

| | |
|--------------------------------|----------|
| Elma X-tra 800 MF2OSI | 103 3333 |
| Elma X-tra 800 MF2OSHI | 103 3335 |
| Elma X-tra 800 MF3OSI | 103 3334 |
| Elma X-tra 800 MF3OSHI | 103 3336 |
| Stainless steel cover EDO 800 | 100 4972 |
| Stainless steel basket EKO 800 | 100 2211 |
| Further accessoires on request | |

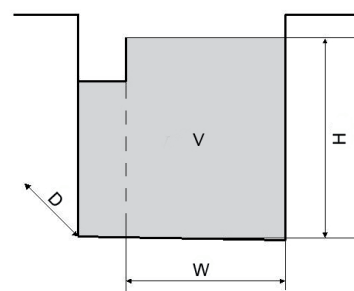


Pictured Elmasonic X-tra Line 550 Flex 2

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 35/130 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

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|--|--------------------|--|---------------------|
| Mains voltage (Vac) | 3 x 400 V / N / PE | Tank filling volume V (L) | 84 |
| Mains plug / Connected load (A) | CEKON / 32 | EKO Basket int. dim. W/D/H (mm) | 244 / 424 / 372 |
| Power consumption total ultrasonic cleaner (W) | 6800 | EKO Basket mesh size (mm) | 8 / 8 / 1 |
| Ultrasonic power effective (W) | 1000 | EKO Basket loading max. (kg) | 20 |
| Ultrasonic peak performance max.* (W) | 4000 | Drain | 1" |
| Heating rinsing tank** (W) | 5800 | Material tank | Stainless steel V4A |
| Power consumption total oscillation (W) | 170 | Unit Weight (kg) | 210 |
| Unit outer dimensions W / D / H (mm) | 1000 / 940 / 1500 | Protection class | IP 23 |
| Tank service dimensions W / D / H (mm) | 327 / 501 / 445 | * The signal form of the wave results in a factor 4 for the ultrasonic peak max. ** Rinsing tank with heating | |