

## TI-H-15

### Multi-frequency ultrasonic cleaning unit

#### Elma Order Nos

TI-H-15 MF2 230V	239 030 0020
TI-H-15 MF2 115V	239 030 0023
TI-H-15 MF2 100V	239 030 0024
TI-H-15 MF3 230V	239 030 0010
TI-H-15 MF3 115V	239 030 0013
TI-H-15 MF3 100V	239 030 0014
Stainless steel lid	239 020 0050
Stainless steel basket (mm – inch) 260 / 210 / 130 – 10 1/5 x 8 1/5 x 5 1/10	200 000 0997
Hinged cover for heat and sound insulation	239 035 0000



Pictured TI-H-15

Powerful cleaning unit of robust quality, with ergonomic design and innovative technology:

- two selectable frequencies on MF2 and MF3 models for intensive and gentle cleaning
- available frequency pairs 25/45kHz, 35/130kHz or single-frequency 35kHz
- multi-frequency model with 25/45 kHz:
  - 25 kHz for the coarse cleaning and removal of lapping and polishing media
  - 45 kHz for the fine cleaning and removal of oil and grease
  - ideal for hard surfaces made of metal and glass in the industrial, craft and jewellery manufacturing sector, only suitable for hard precious stones
- multi-frequency model with 35/130 kHz:
  - 35 kHz for the removal of oil and grease from hard surfaces, such as metal, glass and hard precious stones
  - 130 kHz for the cleaning of sensitive surfaces in the jewellery or electronics business
- Degas mode for the efficient degassing of the cleaning liquid
- Sweep mode for the perfect sound field distribution
- variable ultrasonic power
- skimming device in standard units, for the optional connection to an external oil separator or filter-pump aggregate
- transducer tanks made of special stainless steel, for powerful use and a long service life of the transducer tank
- timer for ultrasonic activity, variable between 0 and 15 min. and permanent operation
- temperature control 30 - 80 °C

#### Technical data

Mains voltage (Vac)	100-120V oder 200-240V	Tank capacity (litres)	12,2
Mains connection	1 Ph. / 1N / 1 PE	Weight (kg)	16
Power consumption total (W)	1200	Drain	1/2"
Ultrasonic power effective (W)	200	Material tank	Stainless steel
Ultrasonic peak performance max.* (W)	800	Material casing	Stainless steel
Heating (W)	1000	Protection class	IP 21
Unit outer dimensions W / D / H (mm)	400 / 415 / 420**		
Tank internal dimensions W / D / H (mm)	300 / 240 / 200		

\* The signal form of the wave results in a factor 4 for the ultrasonic peak max., depending on the modulation of the wave.