

TI-H-20

Multi-frequency ultrasonic cleaning unit

Elma Order Nos

TI-H-20 MF2 230V	239 040 0020
TI-H-20 MF2 115V	239 040 0023
TI-H-20 MF2 100V	239 040 0024
TI-H-20 MF3 230V	239 040 0010
TI-H-20 MF3 115V	239 040 0013
TI-H-20 MF3 100V	239 040 0014
Stainless steel Cover	239 040 0050
Stainless steel basket 290 / 270 / 130 mm	200 000 0998
Hinged cover for heat and sound insulation	239 045 0000



Pictured TI-H-20

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
- 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 230V	Tank capacity (litres)	16.8
Mains connection	1 Ph. / 1N / 1 PE	Weight (kg)	20
Power consumption total (W)	1650	Drain	1/2"
Ultrasonic power effective (W)	250	Material tank	Stainless steel
Ultrasonic peak performance max.* (W)	1000	Material casing	Stainless steel
Heating (W)	1400	Protection class	IP 21
Unit outer dimensions W / D / H (mm)	430 / 470 / 420**		
Tank internal dimensions W / D / H (mm)	330 / 300 / 200		

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