

Elmasonic S 130 H

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 130 H (230 V)	100 9539
Stainless steel tray holder for semi-tray cassettes	100 9782
Basket stainless steel	100 9783
Basket stainless steel ½ size	100 9786
Cover stainless steel	101 0085
Cover stainless steel ½ size	103 1451
Stainless steel cover with hole for one beaker	103 1429
Glass beaker 1000 ml	207 035 0000
Further accessories on request	



Specifically designed and suitable for cleaning of semi-tray cassettes with max. dimensions of 140 x 205 x 45 mm or for simultaneous use of one beaker and one basket for cleaning instruments. State-of-the art microprocessor controlled ultrasonic cleaning and sweep technology. The user-friendly LED-display ensures an excellent operation. Further advantages:

- high-performance 37 kHz sandwich transducer systems
- cleaning tank made of cavitation-resistant stainless steel
- user-friendly and clear operating panel, splash water proof
- LED-Display showing set and remaining time of cleaning period
- Turning knob for setting continued and short-period operation from 1 to 30 min
- temperature-controlled ultrasonic operation
- sweep function for an optimised sound field distribution in the cleaning liquid by frequency modulation
- degas function for the efficient degassing of the cleaning liquid and for laboratory purposes
- auto degas function for automatic degassing cycles, i.e. with fresh cleaning liquids
- dry-run protected heating
- Turning knob temperature. Temperature range variable in 5°C steps from 30° up to 80°C
- LED-Display for pre-set and actual temperature
- plug-in mains supply
- Plastic carrying handles, heat conducting
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	100-120 V/220-240 V	Weight (kg)	8,0
Max. filling volume tank (lit.)	12,5	Material tank	stainless steel
Ultrasonic frequency (kHz)	37	Material casing	stainless steel
Power consumption total (W)	1000	Drain	3/8"
Ultrasonic power effective (W)	200	Carrying handles (plastic)	√
Ultrasonic peak performance max.*(W)	800	CE-compliant	√
Heating power (W)	800	Protection class	IP 20
Unit outer dimensions W / D / H (mm)	400 / 275 / 295		
Tank internal dimensions W / D / H (mm)	325 / 225 / 175		
Basket internal dimensions W/D/H (mm)	296 / 200 / 75		

* S 10 – S 15 H: impulse wave form; S 30 – S 900 H: standard sine-wave modulation
The choice of the waveform has been matched to the relevant tank size. The signal form of the wave results in a factor 4 or 8 for the ultrasonic peak max., depending on the modulation of the wave.