Elmasonic S 30 (H)

Ultrasonic cleaning unit



Pictured S 30 H

Elma Order Nos.

Elmasonic S 30 (220-240 V)	100 4631
Elmasonic S 30 (115-120 V)	100 7140
Elmasonic S 30 H (220-240 V)	100 1955
Elmasonic S 30 H (115-120 V)	100 7141
Basket stainless steel	100 4176
Cover (plastic)	100 3281
Further accessories on request	

The new Elmasonic S units are available in 16 different sizes ranging from 0.5 litres to 90 litres. 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 (applies only for units with heating)
- 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 (applies only for units with heating)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V
Mains frequency (Hz)	50 / 60
Ultrasonic frequency (kHz)	37
Power consumption total S 30 H (W)	280
Ultrasonic power effective (W)	80
Ultrasonic peak performance max.**(W)	320
Heating power (units w. heating) (W)	200
Unit outer dimensions W / D / H (mm)	300 / 179 / 214
Tank internal dimensions W / D / H (mm)	240 / 137 / 100

Max. filling volume tank (lit. / gal.)	2.75 / 0.73
Weight (kg)	3,3
Material tank	stainless steel
Material casing	stainless steel
Drain	3/8“
Carrying handles (plastic)	√
CE-compliant	√
Protection class	IP 20

** 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 Sin a factor 4 or 8 for the ultrasonic peak max., depending on the modulation of the wave.

Subject to technical and optical changes Elma_ch_01/07

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