



Ultrasonic cleaning unit



Elmasonic S 900 H

The new Elmasonic S units are available in 11 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
 - 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 handle for tank drainage at side of unit for simple get effective draining of tank
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Technical data

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|---|-----------------|
| Mains voltage (Vac) | 200-240 V |
| Mains frequency (Hz) | 50 / 60 |
| Ultrasonic frequency (kHz) | 37 |
| Power consumption total (W) | 2800 |
| Ultrasonic power effective (W) | 800 |
| Ultrasonic peak performance max.* (W) | 3200 |
| Heating power (W) | 2000 |
| Unit outer dimensions W / D / H (mm) | 715 / 570 / 467 |
| Tank internal dimensions W / D / H (mm) | 600 / 500 / 300 |
| Max. filling volume tank (lit. / gal.) | 90 / 12 |
| Basket inner dimensions W / D / H (mm) | 455 / 270 / 194 |
| Mesh size of the basket (mm) | 16x1,2 |
| Weight (kg) | 38 |
| Material tank | stainless steel |
| Material casing | stainless steel |
| Drain | 1/2 |
| Carrying handles (plastic) | ✓ |
| CE Richtlinie 89/336 EWG (EEC) | ✓ |
| CE Richtlinie 73/23 EWG (EEC) | ✓ |
| Protection class | IP 23 |

Elma Order Nos.

| | |
|-------------------------------|--------------|
| Elmasonic S 900 H (200-240 V) | 100 3946 |
| Basket stainless steel | 207 056 0000 |
| Lid (stainless steel) | 207 055 0000 |

Further accessories on request

* 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.