Elmasonic S 900 H

Ultrasonic cleaning unit

Elmasonic S 900 H

Elma Order Nos.

Elmasonic S 900 H (220-240 V)	100 3946
Basket stainless steel	100 9035
Cover (stainless steel)	100 9058

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, splashproof
- 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
- LED-Display for pre-set and actual temperature
- plug-in mains supply
- 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)	220-240 V
Max. filling volume tank (lit. / gal.)	90 / 23.78
Ultrasonic frequency (kHz)	37
Power consumption total	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
Basket internal dimensions W / D / H (mm)	545 / 450 / 190

Weight (kg)	42
Material tank	stainless steel
Material casing	stainless steel
Drain	1/2“
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.

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