

## Elmasonic S 15 (H)

### Ultrasonic cleaning unit

**Elma Order Nos.**

Elmasonic S 15 (220-240 V) 100 4626

Elmasonic S 15 (115-120 V) 100 7138

Elmasonic S 15 H (220-240 V) 100 2060

Elmasonic S 15 H (115-120 V) 100 7139

Basket stainless steel 100 4209

Cover (plastic) 100 3280

Further accessories on request



Pictured S 15 H

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)

**Technical data**

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	1.75 / 0.46
Ultrasonic frequency (kHz)	37	Weight (kg)	2.1
Power consumption total S 15 (W)	35	Material tank	stainless steel
Power consumption total S 15 H (W)	95	Material casing	stainless steel
Ultrasonic power effective (W)	35	Drain	/
Ultrasonic peak performance max.** (W)	280	Carrying handles (plastic)	/
Heating power (units w. heating) (W)	60	CE-compliant	✓
Unit outer dimensions W / D / H (mm)	175 / 180 / 212	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	151 / 137 / 100		
Basket internal dimensions W / D / H (mm)	112 / 103 / 50		

\*\* 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.