

# Elmasonic S 150

## Ultrasonic cleaning unit



### Elma Order Nos.

Elmasonic S 150 (230 V)	100 8721
Elmasonic S 150 (115 V)	103 1762
Lid (plastic)	100 3287
Carrier DIN-medicine basket	100 8962
Further accessories on request	

Specifically designed and suitable for the cleaning of DIN-medicine baskets.

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
- 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
- plug-in mains supply
- plastic carrying handles, heat conducting
- Turning knob temperature. Temperature range variable in 5°C steps from 30° up to 80°C

### Technical data

Mains voltage (Vac)	100-120 V/220-240 V	Material tank	stainless steel
Mains frequency (Hz)	50 / 60	Material casing	stainless steel
Ultrasonic frequency (kHz)	37	Drain	3/8"
Power consumption total S 10 (W)	300	Carrying handles (plastic)	√
Ultrasonic power effective (W)	300	CE directive 89/336 EWG (EEC)	√
Ultrasonic peak performance max.**(W)	1200	CE directive 73/23 EWG (EEC)	√
Unit outer dimensions W / D / H (mm)	568 / 340 / 224	CE directive 93/42 EWG	√
Tank internal dimensions W / D / H (mm)	505 / 300 / 100	Protection class	IP 20
Max. filling volume tank (lit. / gal.)	14 / 3.7		
Weight (kg)	10,0		

\*\* 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.