VONMARCKEN
LABORATORY & MEDICAL EQUIPMENT
Klik hier voor meer informatie op vonmarcken.nl

Elmasonic S 100 (H)

Ultrasonic cleaning unit

Pictured S 100 H

Elma Order Nos.	
Elmasonic S 100 (230 V)	100 4655
Elmasonic S 100 (115 V)	100 7151
Elmasonic S 100 H (230 V)	100 2279
Elmasonic S 100 H (115 V)	100 7152
Basket stainless steel	100 4178
Lid (plastic)	100 3285
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)
- Turning knob temperature (applies only for units w. heating). Temperature range variable in 5°C steps from 30° up to 80°C
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- Plastic carrying handles, heat conducting
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	100-120 V/220-240 V
Mains frequency (Hz)	50 / 60
Ultrasonic frequency (kHz)	37
Power consumption total S 100 (W)	150
Power consumption total S 100 H (W)	550
Ultrasonic power effective (W)	150
Ultrasonic peak performance max.**(W)	600
Heating power (units w. heating) (W)	400
Unit outer dimensions W / D / H (mm)	365 / 278 / 264
Tank internal dimensions W / D / H (mm)	300 / 240 / 150

Max. filling volume tank (lit. / gal.)	9,5 / 2.5
Weight (kg)	5,9
Material tank	stainless steel
Material casing	stainless steel
Drain	3/8“
Carrying handles (plastic)	√
CE directive 89/336 EWG (EEC)	√
CE directive 73/23 EWG (EEC)	√
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 in a factor 4 or 8 for the ultra-sonic peak max., depending on the modulation of the wave.

Subject to technical and optical changes reserved Elma_ch_01/07

Elma GmbH & Co KG · Kolpingstr. 1-7 · D-78224 Singen · Tel. +49 (0) 7731 / 882-0 · Fax +49 (0) 7731 / 882-266 · info@elma-ultrasonic.com
www.elma-ultrasonic.com