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Product Profile

Elmasonic EASY 100 H

Ultrasonic Cleaner

Elma catalogue numbers

Elmasonic EASY 100 H (220-240 V)	107 1669
Elmasonic EASY 100 H (115-120 V)	107 1670
Stainless-steel basket	100 4178
Plastic device cover	107 1697
Additional accessories on request	



Fig. Elmasonic EASY 100 H

The Elmasonic EASY family include a range of 9 different device sizes with tank volumes ranging from 0.8 to 28 litres. Microprocessor-controlled ultrasonic with sweep technology offers a state-of-the-art solution

Product features:

- efficient 37 kHz ultrasonic high-performance transducers
- cleaning tank made of cavitation-resistant stainless steel
- user-friendly and clearly arranged operating panel; sealed against liquid intrusion to protect the electronics
- LED display for ultrasonic function
- rotary switch for easy preselection of the cleaning time
- continuous operating or short-term operation between 1 and 30 minutes
- permanent sweep function for optimized sound field distribution through frequency modulation
- dry-run protected heating
- temperature selectable by rotary switch; from 30°C to 80°C in increments of 5°C (for H units)
- LED display for heating operation (for H units)
- detachable power cord with IEC plug
- selectable temperature threshold with alarm
- automatic safety shutdown after 8 hours of continuous operation
- automatic safety shutdown at a bath temperature of 90 °C
- side-mounted knob for easy draining of the cleaning liquid through the drain duct on the rear
- ergonomically shaped plastic handles
- „Pulse“ function

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Weight (kg)	5.9
Ultrasonic frequency (kHz)	37	Tank material	stainless steel
Total power consumption EASY 100 H (W)	550	Casing material	stainless steel
Effective ultrasonic power (W)	150	Drain duct	√
Max. ultrasonic peak performance** (W)	600	Carrying handles	√
Heat output (W)	400	Sound pressure level (LpAU) (with cover)	<70 db
Device external dimensions W / D / H (mm)	339 / 281 / 272	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	281 / 222 / 149	** EASY 10 – EASY 20 H: pulsed ultrasound; EASY 30 H – EASY 300 H: double half-wave sound. The form of signal has been matched to the geometry of the tank. Due to the form of signal the maximum peak ultrasonic power calculates with factor 4 or 8.	
Basket internal dimensions W / D / H (mm)	255 / 200 / 75		
Max. filling volume (litres)	9.50		