

Product Information and Prices



Elmasonic S

Ultrasonic cleaning devices



Order numbers and list prices

| Elmasonic S | 10* | 10H | 15* | 15H |
|----------------------------|----------|----------|----------|----------|
| Order number 220-240 V~ | 1005507 | 1001214 | 1004626 | 1002060 |
| Order number 100-120 V~ | 1007136 | 1007137 | 1007138 | 1007139 |
| List price | 305,00 € | 370,00 € | 500,00 € | 565,00 € |

Scope of delivery

- Cover (only with Elmasonic S 10 / H)
- Operating manual
- Power cable with rubber connector (2 m length)

*Unit without heating

All prices ex works, excluding packaging.

Technical specifications serve as orientation values and are subject to tolerances due to production and manufacturing. Proper operation can only be guaranteed when using original Elma accessories.

Elmasonic S

Product features and functions

| |
|--|
| ▪ Efficient 37 kHz ultrasonic power transducer |
| ▪ Cleaning tank made of cavitation-resistant stainless steel |
| ▪ User-friendly and clearly arranged operating unit, sealed so that no liquid can penetrate the electronics |
| ▪ LED indicator for ultrasonic function |
| ▪ Rotary switch for convenient preselection of the cleaning time |
| ▪ Continuous operation or short-time operation adjustable between 1 and 30 minutes |
| ▪ The cleaning process can be started immediately or temperature controlled |
| ▪ Switchable sweep function for optimized sound field distribution by frequency modulation |
| ▪ Degas function for faster degassing of the cleaning liquid and for special applications in the laboratory area |
| ▪ Time-controlled „autodegas“ function selectable |
| ▪ Dry running safe heating |
| ▪ Temperature setting with rotary switch selectable from 30 °C to 80 °C in 5 °C steps (for H-devices) |
| ▪ LED display for heating function (for H-devices) |

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Technical Data - Mechanics

| Elmasonic S | 10 | 10H | 15 | 15H |
|--|-----------------|-----|-----------------|-----|
| Recom. operating capacity V _a (l) | 0,7 | | 1,2 | |
| Unit ext. dimensions W / D / H (mm) | 206 / 116 / 178 | | 175 / 180 / 212 | |
| Tank int. dimensions W ₁ / D ₁ / H ₁ (mm) | 185 / 80 / 55 | | 140 / 125 / 95 | |
| Opening dimensions W ₂ / D ₂ (mm) | 190 / 85 | | 150 / 135 | |
| Weight (kg) | 2,0 | | 2,1 | |
| Drain hose - ID (mm) | 12 | | | |

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Technical Data - Electronics and noise levels

| Elmasonic S | 10 | 10H | 15 | 15H |
|---|-------------------|-----|-----|-----|
| Mains voltage (V~) | 220-240 / 115-120 | | | |
| Mains frequency (Hz) | 50 / 60 | | | |
| Power consumption total (W) | 30 | 90 | 35 | 95 |
| Ultrasonic power effective $\pm 10\%$ (W) | 30 | | 35 | |
| Ultrasonic peak power max.** (W) | 240 | | 380 | |
| Heating power (W) | | 60 | | 60 |
| Temperature ($^{\circ}\text{C}$) | | | | |
| Protection class | IP 20 | | | |
| Sound pressure level (LpAU)*** | < 80 dB | | | |
| Ultrasonic sound level (LpZ)*** | < 110 dB | | | |

** The signal form of the wave results in a factor 4 for the ultrasonic peak max., depending on the modulation of the wave.

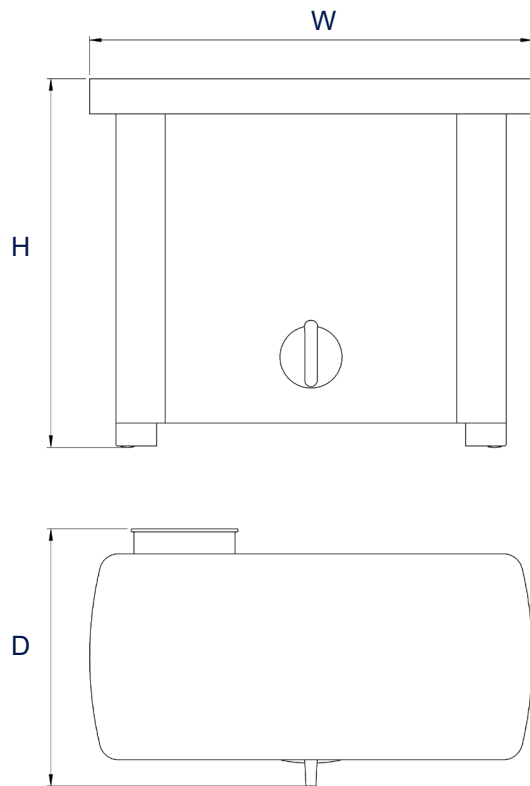
*** Measured sound pressure level with basket and cover at 1 m distance.

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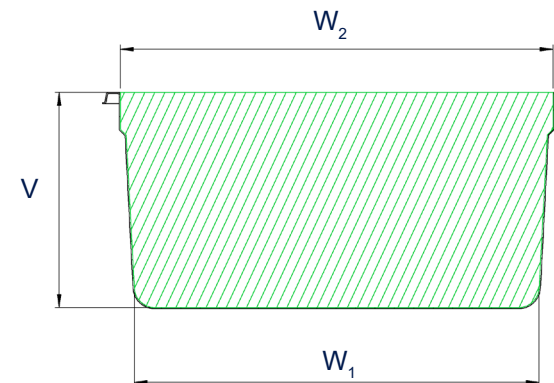
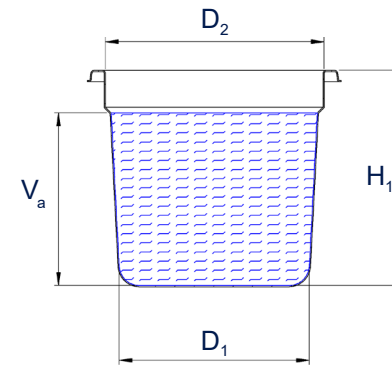
Dimension definition

Unit outer dimensions



Tank internal dimensions

V_a : recommended operating capacity of the cleaning tank
(The actual operating capacity depends on the load.)



The drawings are meant as a visualization aid and are not true to scale.

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