

Product Information and Prices



Elmasonic Easy

Ultrasonic cleaning devices



Order numbers and list prices

Elmasonic Easy	10*	10H	20*	20H	30H	40H	60H	100H	120H	180H	300H
Order number 220 - 240 V~	1071648	1071646	1071655	1071652	1071656	1071664	1071666	1071669	1071671	1071673	1011675
Order number 100 - 120 V~	1071649	1071647	-	1071653	1071657	1071665	1071667	1071670	1071672	1071674	1071676
List price	305,00 €	370,00 €	365,00 €	440,00 €	470,00 €	695,00 €	810,00 €	970,00 €	1.260,00 €	1.370,00 €	1.720,00 €

Scope of delivery

- Ultrasonic cleaning unit
- Lid
- Operating manual
- Power cable with rubber connector (2 m length)
- Hose connection grommet (from Elmasonic Easy 60), drain hose not included

*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.

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Product features and functions

- | |
|---|
| ▪ 37 kHz ultrasonic frequency (control range -2,5 / +5,5 kHz) |
| ▪ 2 ultrasonic modes for need-based sound field distribution in the ultrasonic bath |
| ▪ sweep mode, set automatically: Uniform cleaning due to even sound field distribution in the ultrasonic bath. |
| ▪ pulse mode, can be switched on: removal of even stubborn soiling by pulsating sound field distribution |
| ▪ Adjustable limit temperature from 40 - 60 °C (only for devices with heating) |
| ▪ Electronic selector switches on wipeable membrane keypad and LED display of all operating states |
| ▪ Visual feedback when the limit temperature is reached (only for devices with heating) |
| ▪ Pre-selection of cleaning time: cleaning time adjustable between 1 minute and 6 hours |
| ▪ Electronic temperature control adjustable in steps of 5 °C from 25 - 80 °C (temperature tolerance -5 / +8 °C) (only for devices with heating) |
| ▪ Dry-running detection (only for units with heating) |
| ▪ Automatic safety shutdown after 8 hours or at 90 °C bath temperature |
| ▪ Splash-proof housing and cleaning tray made of stainless steel |
| ▪ Side stopcock for emptying the cleaning tank via the drain at the rear of the unit (from Elmasonic Easy 60H) |
| ▪ 2-year warranty from the initial operation, but no longer than 3 years from the production date |

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Technical Data - Mechanics

Elmasonic Easy	10	10H	20	20H	30H	40H	60H
Total capacity V (l)	0,8		1,75		2,7	4,2	5,9
Recom. operating capacity V _a (l)	0,7		1,2		1,6	2,9	4,3
Unit ext. dimensions W / D / H (mm)	235 / 135 / 190		220 / 190 / 230		305 / 190 / 230	305 / 190 / 280	370 / 200 / 275
Opening dimensions W ₂ / D ₂ (mm)	190 / 85		150 / 135		235 / 135	235 / 135	295 / 145
Tank int. dimensions W ₁ / D ₁ / H ₁ (mm)	190 / 85 / 55		140 / 125 / 95		220 / 120 / 95	215 / 115 / 145	275 / 125 / 145
Weight incl. cover (kg)	2,0		2,1		3,3	4,0	5,1
Drain hose - ID (mm)	--						12,0
Basket int. dimensions W ₃ / D ₃ / H ₃ (mm)	175 / 70 / 30		110 / 100 / 50		195 / 105 / 50	190 / 105 / 75	255 / 115 / 75
Total basket loading (kg)	1,0		1,0		1,0	3,0	5,0

Elmasonic Easy	100H	120H	180H	300H
Total capacity V (l)	9,5	12,9	12,8	27,5
Recom. operating capacity V _a (l)	6,8	10,0	14,2	22,0
Unit ext. dimensions W / D / H (mm)	380 / 290 / 280	380 / 290 / 330	405 / 355 / 330	575 / 355 / 330
Opening dimensions W ₂ / D ₂ (mm)	295 / 235	295 / 235	325 / 295	500 / 395
Tank int. dimensions W ₁ / D ₁ / H ₁ (mm)	280 / 220 / 145	300 / 215 / 195	300 / 270 / 195	475 / 270 / 195
Weight incl. cover (kg)	5,9	7,5	8,5	11,0
Drain hose - ID (mm)	12,0			
Basket int. dimensions W ₃ / D ₃ / H ₃ (mm)	255 / 200 / 70	250 / 190 / 110	280 / 250 / 115	455 / 250 / 110
Total basket loading (kg)	6,0	7,0	8,0	10,0

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Technical Data - Electronics and noise levels

Elmasonic Easy	10	10H	20	20H	30H	40H	60H	100H	120H	180H	300H
Mains voltage (V~)	100 - 120 / 220 - 240										
Mains frequency (Hz)	50 / 60										
Power consumption total (W)	30 / 90		35 / 155		280	340		550		1000	1500
Ultrasonic power effective $\pm 10\%$ (W)	30		35		80	140		150		200	300
Ultrasonic peak power max.** (W)	240		280		320	560		600		800	1200
Heating power (W)	0 / 60		0 / 120		200	200		400		800	1200
Temperature ($^{\circ}\text{C}$)	25 - 80										
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.

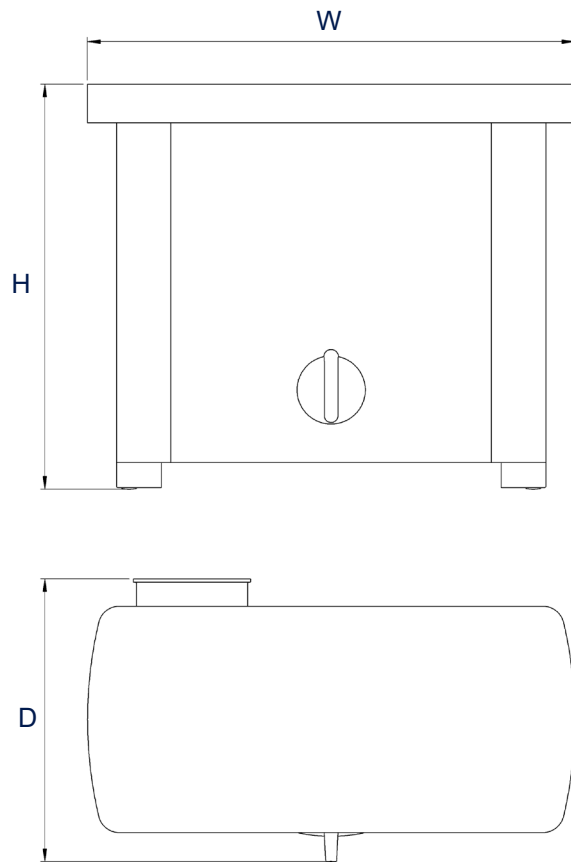
*** Measured sound pressure level with basket and cover at 1 m distance.

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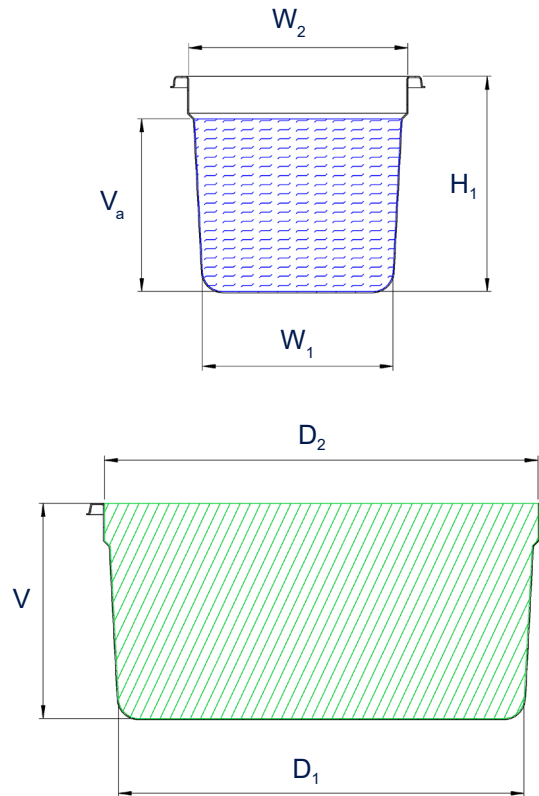
Dimension definition

Unit outer dimensions

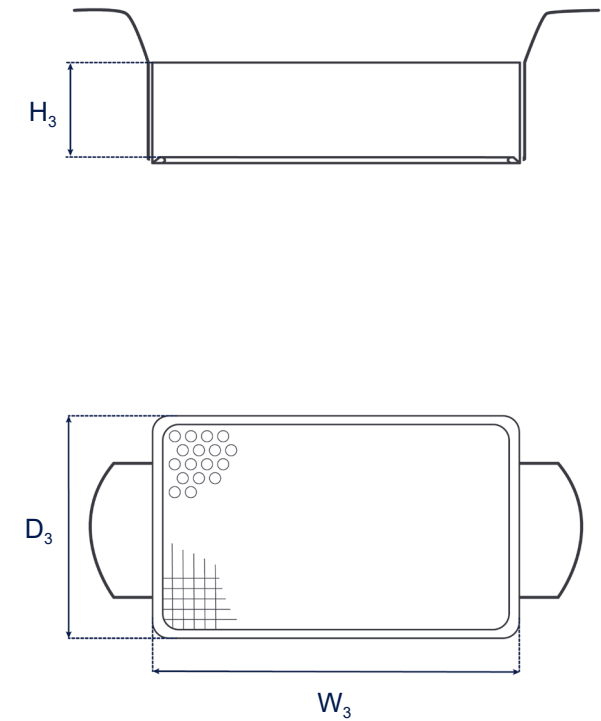


Tank internal dimensions

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



Basket internal dimensions



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

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