

# Product Information and Prices



## Elmasonic S Round

Ultrasonic cleaning devices



### Order numbers and list prices

Elmasonic S Round	50 R	350 R
Order number 220 - 240 V~	1045437	1058453
Order number 100 - 120 V~	1049548	--
List price	925,00 €	3.080,00 €

### Scope of delivery

- Operating manual
- Power cable with rubber connector (2 m length)

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 Round

### Product features and functions

▪ 37 kHz ultrasonic frequency (control range -2.5 / +5.5 kHz)
▪ 3 ultrasonic modes for demand-oriented sound field distribution and sample preparation in the ultrasonic bath
▪ sieve cleaning mode: For optimum cleaning of test sieves
▪ sample preparation mode: For standard tasks such as mixing, dissolving, dispersing, cleaning, etc.
▪ degas mode: Fast degassing of HPLC solvents
▪ Auto-degas mode: For automatic degassing cycle e.g. with newly prepared cleaning liquid
▪ Electronic selector switches on wipeable membrane keypad and LED display of operating states
▪ Preselection of cleaning time: Cleaning time adjustable between 1 minute and 30 minutes
▪ Automatic safety shutdown after 12 hours
▪ Splash-proof housing and cleaning tray made of stainless steel
▪ Stopcock for emptying the cleaning tank via the drain at the rear of the unit (only for Elmasonic S 350 R)
▪ Connection for laboratory stand on the rear of the instrument
▪ 2 years warranty from initial start-up, but maximum 3 years from production date

## Elmasonic S Round

### Technical Data - Mechanics

Elmasonic S	50 R	350 R
Total capacity V (l)	6,3	70,0
Recom. operating capacity V <sub>a</sub> (l)	3,0 - 5,0	57,0
Unit ext. dimensions W / D / H (mm)	305 / 290 / 335	640 / 790 / 455
Tank int. dimensions Dia / H <sub>1</sub> (mm)	240 / 140	600 / 245
Weight incl. cover (kg)	5,0	21,0

### Technical Data - Electronics and noise levels

Elmasonic S	50 R	350 R
Mains voltage (V~)	100 - 120 / 220 - 240	220 - 240
Mains frequency (Hz)	50 / 60	
Power consumption total (W)	150	600
Ultrasonic power effective ±10% (W)	150	600
Ultrasonic peak power max.* (W)	600	2400
Protection class	IP 20	
Sound pressure level (LpAU)**	< 70 dB	< 70 dB
Ultrasonic sound level (LpZ)**	< 105 dB	< 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.

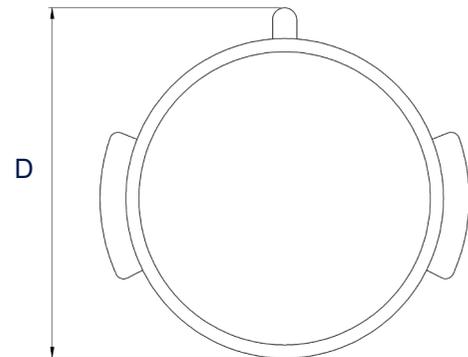
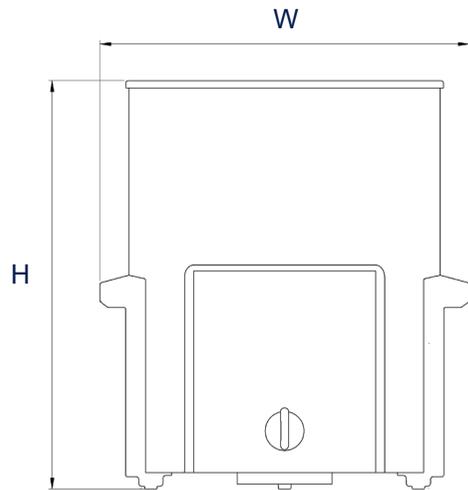
\*\* Measured sound pressure level with basket and cover at 1 m distance.

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## Elmasonic S Round

### 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.)



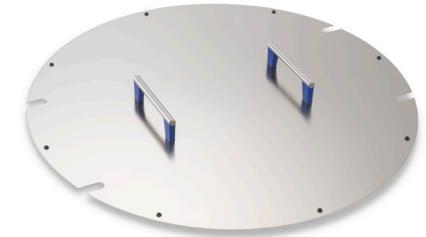
The drawings are meant as a visualization aid and are not true to scale.

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## Elmasonic SR Accessories - Covers

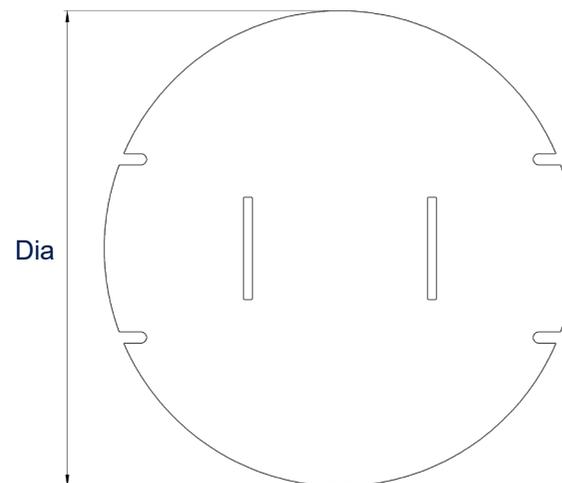
made of stainless steel

- reduce the noise of the ultrasonic cleaning
- save energy and costs by reducing waste heat and collecting / recirculating the water vapour



<b>Elmasonic S</b>	<b>350 R</b>
Order number	1063389
List price	180,00 €
External dimensions Dia / H (mm)	640 / 70

### Dimension definition



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## Elmasonic SR Accessories - Covers

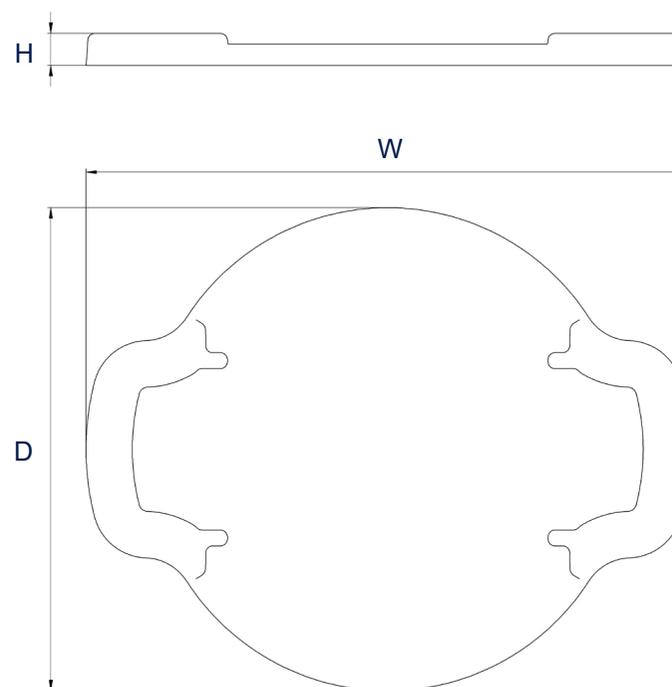
made of plastic

- available in cobalt blue (RAL 5013)\*<sup>1</sup> and ultramarine blue (RAL 5002)\*<sup>2</sup>
- reduce the noise of the ultrasonic cleaning
- save energy and costs by collecting and recirculating evaporating water from the ultrasonic bath
- serve upside down as a drip tray for the basket and cleaned parts



Elmasonic S	50 R
Order number cobalt blue (RAL 5013)	1086909
Order number ultramarine blue (RAL 5002)* <sup>1</sup>	1046008
List price	30,00 €
Ext. dimensions W / D / H (mm)	345 / 275 / 20

### Dimension definition



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## Elmasonic SR Accessories - Covers

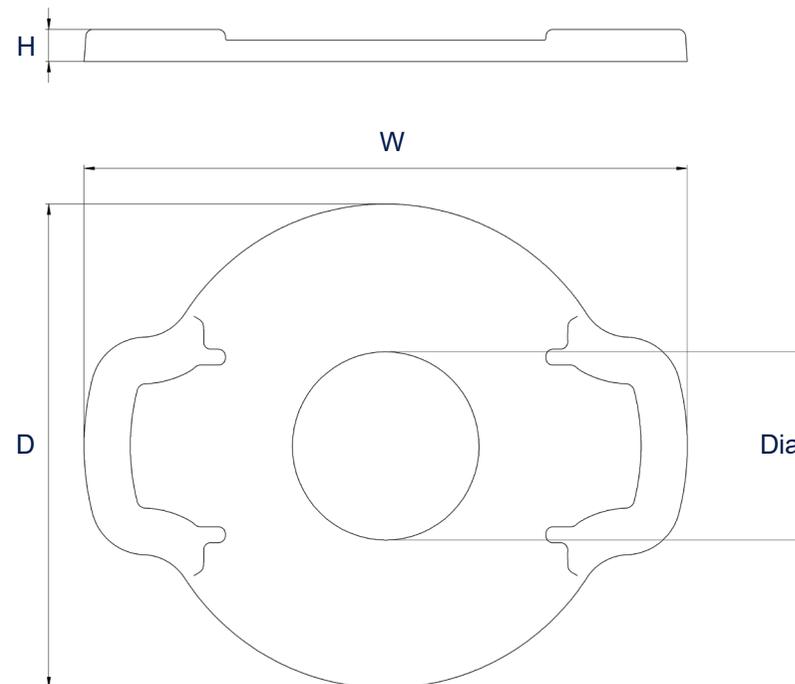
made of plastic

- ultramarine blue (RAL 5002)
- to be placed on the ultrasonic cleaning device
- for 1 cleaning glass



Elmasonic S	50 R
Order number	1049787
List price	26,50 €
Ext. dimensions W / D / H (mm)	345 / 275 / 20
Diameter cover hole Dia (mm)	95

### Dimension definition



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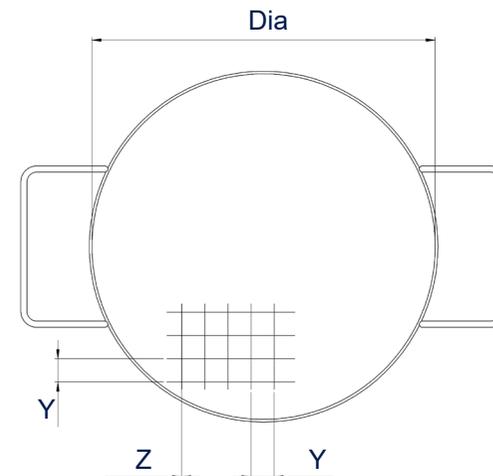
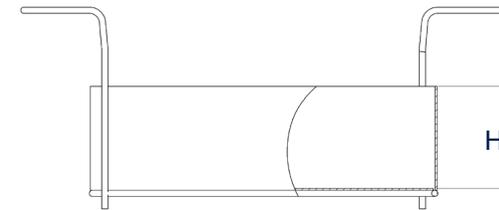
## Elmasonic SR Accessories - Baskets

- made of stainless steel and with Rilsan-coated handles



Elmasonic S	50 R	350 R
Order number	1046006	1062233
List price	130,00 €	350,00 €
Basket int. dimension Dia / H (mm)	220 / 65	545 / 70
Mesh size Y x Z (mm)	10 x 1,6	10 x 1,6

### Dimension definition



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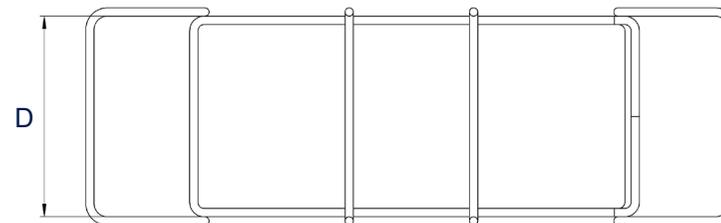
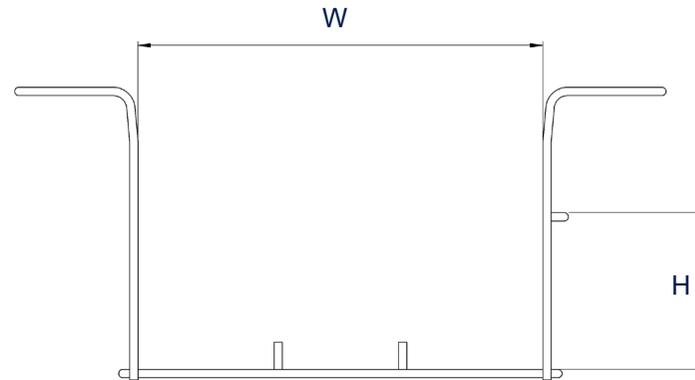


## Elmasonic SR Accessories - Baskets

- made of stainless steel and with Rilsan-coated handles



### Dimension definition



<b>Elmasonic S</b>	<b>50 R</b>
Order number	1049704
List price	66,00 €
Basket int. dimension W / D / H (mm)	195 / 95 / 75

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