

Elmasonic S 10 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 10 (220-240 V)	100 5507
Elmasonic S 10 (115-120 V)	100 7136
Elmasonic S 10 H (220-240 V)	100 1214
Elmasonic S 10 H (115-120 V)	100 7137
Basket stainless steel	100 4170
Cover (plastic)	100 3278
Further accessories on request	



Pictured S 10 H

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.

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 for ultrasonic function
- 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)
- LED-Display for heating function (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit.)	0.8
Ultrasonic frequency (kHz)	37	Weight (kg)	2.0
Power consumption total S 10 (W)	30	Material tank	stainless steel
Power consumption total S 10 H (W)	90	Material casing	stainless steel
Ultrasonic power effective (W)	30	Drain	/
Ultrasonic peak performance max. ** (W)	240	Carrying handles (plastic)	/
Heating power (units w. heating) (W)	60	CE-compliant	✓
Unit outer dimensions W / D / H (mm)	206 / 116 / 178	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	190 / 85 / 60		
Basket internal dimensions W / D / H (mm)	177 / 73 / 30		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Subject to technical and optical changes Elma_ch_01/07

Elmasonic S 15 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 15 (220-240 V)	100 4626
Elmasonic S 15 (115-120 V)	100 7138
Elmasonic S 15 H (220-240 V)	100 2060
Elmasonic S 15 H (115-120 V)	100 7139
Basket stainless steel	100 4209
Cover (plastic)	100 3280
Further accessories on request	



Pictured S 15 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	1.75 / 0.46
Ultrasonic frequency (kHz)	37	Weight (kg)	2.1
Power consumption total S 15 (W)	35	Material tank	stainless steel
Power consumption total S 15 H (W)	95	Material casing	stainless steel
Ultrasonic power effective (W)	35	Drain	/
Ultrasonic peak performance max.** (W)	280	Carrying handles (plastic)	/
Heating power (units w. heating) (W)	60	CE-compliant	√
Unit outer dimensions W / D / H (mm)	175 / 180 / 212	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	151 / 137 / 100		
Basket internal dimensions W/D/H (mm)	112/ 103 / 50		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 30 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 30 (220-240 V)	100 4631
Elmasonic S 30 (115-120 V)	100 7140
Elmasonic S 30 H (220-240 V)	100 1955
Elmasonic S 30 H (115-120 V)	100 7141
Basket stainless steel	100 4176
Cover (plastic)	100 3281
Further accessories on request	



Pictured S 30 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	2.75 / 0.73
Mains frequency (Hz)	50 / 60	Weight (kg)	3,3
Ultrasonic frequency (kHz)	37	Material tank	stainless steel
Power consumption total S 30 H (W)	280	Material casing	stainless steel
Ultrasonic power effective (W)	80	Drain	3/8"
Ultrasonic peak performance max.** (W)	320	Carrying handles (plastic)	√
Heating power (units w. heating) (W)	200	CE-compliant	√
Unit outer dimensions W / D / H (mm)	300 / 179 / 214	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	240 / 137 / 100		

** 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 Sin a factor 4 or 8 for the ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 40 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 40 (220-240 V)	100 4635
Elmasonic S 40 (115-120 V)	100 7142
Elmasonic S 40 H (220-240 V)	100 2006
Elmasonic S 40 H (115-120 V)	100 7143
Basket stainless steel	100 4232
Cover (plastic)	100 3281
Further accessories on request	



Pictured S 40 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	4.25 / 1.25
Ultrasonic frequency (kHz)	37	Weight (kg)	4.0
Power consumption total S 40 (W)	140	Material tank	stainless steel
Power consumption total S 40 H (W)	340	Material casing	stainless steel
Ultrasonic power effective (W)	140	Drain	3/8"
Ultrasonic peak performance max.** (W)	560	Carrying handles (plastic)	✓
Heating power (units w. heating) (W)	200	CE-compliant	✓
Unit outer dimensions W / D / H (mm)	300 / 179 / 264	Protection class	IP 20
Tank internal dimensions W/D/H (mm)	240 / 137 / 150		
Basket internal dimensions W/D/H (mm)	190 / 105 / 75		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 60 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 60 (220-240 V)	100 4643
Elmasonic S 60 (115-120 V)	100 7144
Elmasonic S 60 H (220-240 V)	100 2238
Elmasonic S 60 H (115-120 V)	100 7145
Basket stainless steel	100 4243
Cover (plastic)	100 3282
Further accessories on request	



Pictured S 60 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	5.75 / 1.52
Ultrasonic frequency (kHz)	37	Weight (kg)	5.1
Power consumption total S 60 (W)	150	Material tank	stainless steel
Power consumption total S 60 H (W)	550	Material casing	stainless steel
Ultrasonic power effective (W)	150	Drain	3/8"
Ultrasonic peak performance max.** (W)	600	Carrying handles (plastic)	√
Heating power (units w. heating) (W)	400	CE-compliant	√
Unit outer dimensions W / D / H (mm)	365 / 186 / 264	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	300 / 151 / 150		
Basket internal dimensions W / D / H (mm)	255 / 115 / 75		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 70 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 70 (220-240 V)	100 4650
Elmasonic S 70 (115-120 V)	100 7146
Elmasonic S 70 H (220-240 V)	100 2140
Elmasonic S 70 H (115-120 V)	100 7147
Basket stainless steel	100 4247
Cover (plastic)	100 3283
Further accessories on request	



Pictured S 70 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	6.9 / 1.82
Ultrasonic frequency (kHz)	37	Weight (kg)	5.6
Power consumption total S 70 (W)	150	Material tank	stainless steel
Power consumption total S 70 H (W)	750	Material casing	stainless steel
Ultrasonic power effective (W)	150	Drain	3/8"
Ultrasonic peak performance max.**(W)	300	Carrying handles (plastic)	√
Heating power (units w. heating) (W)	600	CE-compliant	√
Unit outer dimensions W / D / H (mm)	568 / 179 / 214	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	505 / 137 / 100		
Basket internal dimensions W / D / H (mm)	465 / 106 / 50		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 80 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 80 (220-240 V)	100 4652
Elmasonic S 80 (115-120 V)	100 7148
Elmasonic S 80 H (220-240 V)	100 2170
Elmasonic S 80 H (115-120 V)	100 7150
Basket stainless steel	100 4265
Cover (plastic)	100 3283
Further accessories on request	



Pictured S 80 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	9.4 / 2.48
Ultrasonic frequency (kHz)	37	Weight (kg)	6.4
Power consumption total S 80 (W)	150	Material tank	stainless steel
Power consumption total S 80 H (W)	750	Material casing	stainless steel
Ultrasonic power effective (W)	150	Drain	3/8"
Ultrasonic peak performance max. ** (W)	600	Carrying handles (plastic)	✓
Heating power (units w. heating) (W)	600	CE-compliant	✓
Unit outer dimensions W / D / H (mm)	568 / 179 / 264	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	505 / 137 / 150		
Basket internal dimensions W / D / H (mm)	455 / 106 / 75		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 90 H

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 90 H (220-240 V)	100 9535
Elmasonic S 90 H (115-120 V)	on request
Stainless steel tray holder for semi-tray cassettes	100 9778
Basket stainless steel	100 9780
Basket stainless steel ½ size	100 9718
Cover stainless steel	101 0081
Stainless steel cover with hole for one beaker	100 9550
Glass beaker 1000 ml	207 035 0000
Further accessories on request	



Pictured S 90 H

Specifically designed and suitable for cleaning of semi-tray cassettes with max. dimensions of 140 x 205 x 45 mm or for simultaneous use of one beaker and one basket for cleaning instruments.

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
- 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
- LED-Display for pre-set and actual temperature
- plug-in mains supply
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Weight (kg)	5.5
Max. filling volume tank (lit.)	7.4	Material tank	stainless steel
Ultrasonic frequency (kHz)	37	Material casing	stainless steel
Power consumption total	550	Drain	3/8"
Ultrasonic power effective (W)	150	Carrying handles (plastic)	√
Ultrasonic peak performance max.** (W)	600	CE-compliant	√
Heating power (W)	400	Protection class	IP 20
Unit outer dimensions W / D / H (mm)	400 / 180 / 295		
Tank internal dimensions W / D / H (mm)	325 / 130 / 175		
Basket internal dimensions W / D / H (mm)	289 / 124 / 75		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 100 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 100 (220-240 V)	100 4655
Elmasonic S 100 (115-120 V)	100 7151
Elmasonic S 100 H (220-240 V)	100 2279
Elmasonic S 100 H (115-120 V)	100 7152
Basket stainless steel	100 4178
Cover (plastic)	100 3285
Further accessories on request	



Pictured S 100 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	9.5 / 2.5
Ultrasonic frequency (kHz)	37	Weight (kg)	5.9
Power consumption total S 100 (W)	150	Material tank	stainless steel
Power consumption total S 100 H (W)	550	Material casing	stainless steel
Ultrasonic power effective (W)	150	Drain	3/8"
Ultrasonic peak performance max.**(W)	600	Carrying handles (plastic)	√
Heating power (units w. heating) (W)	400	CE-compliant	√
Unit outer dimensions W / D / H (mm)	365 / 278 / 264	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	300 / 240 / 150		
Basket internal dimensions W / D / H (mm)	255 / 200 / 75		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 120 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 120 (220-240 V)	100 4658
Elmasonic S 120 (115-120 V)	100 7153
Elmasonic S 120 H (220-240 V)	100 2825
Elmasonic S 120 H (115-120 V)	100 7154
Basket stainless steel	100 4277
Cover (plastic)	100 3285
Further accessories on request	



Pictured S 120 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	12.75 / 3.37
Ultrasonic frequency (kHz)	37	Weight (kg)	7.5
Power consumption total S 120 (W)	200	Material tank	stainless steel
Power consumption total S 120 H (W)	1000	Material casing	stainless steel
Ultrasonic power effective (W)	200	Drain	3/8"
Ultrasonic peak performance max.** (W)	800	Carrying handles (plastic)	√
Heating power (units w. heating) (W)	800	CE-compliant	√
Unit outer dimensions W / D / H (mm)	365 / 278 / 321	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	300 / 240 / 200		
Basket internal dimensions W/D/H (mm)	250 / 190 / 115		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 130 H

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 130 H (220-240 V)	100 9539
Stainless steel tray holder for semi-tray cassettes	100 9782
Basket stainless steel	100 9783
Basket stainless steel ½ size	100 9786
Cover stainless steel	101 0085
Cover stainless steel ½ size	103 1451
Stainless steel cover with hole for one beaker	103 1429
Glass beaker 1000 ml	207 035 0000
Further accessories on request	



Specifically designed and suitable for cleaning of semi-tray cassettes with max. dimensions of 140 x 205 x 45 mm or for simultaneous use of one beaker and one basket for cleaning instruments. 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
- 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
- Turning knob temperature. Temperature range variable in 5°C steps from 30° up to 80°C
- LED-Display for pre-set and actual temperature
- plug-in mains supply
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	220-240 V	Weight (kg)	8.0
Max. filling volume tank (lit.)	12.5	Material tank	stainless steel
Ultrasonic frequency (kHz)	37	Material casing	stainless steel
Power consumption total (W)	1100	Drain	3/8"
Ultrasonic power effective (W)	300	Carrying handles (plastic)	√
Ultrasonic peak performance max.*(W)	1200	CE-compliant	√
Heating power (W)	800	Protection class	IP 20
Unit outer dimensions W / D / H (mm)	400 / 275 / 295		
Tank internal dimensions W / D / H (mm)	325 / 225 / 175		
Basket internal dimensions W/D/H (mm)	296 / 200 / 75		

* 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 150

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 150 (220-240 V)	107 1278
Elmasonic S 150 (115-120 V)	107 1279
Cover (plastic)	100 3287
Carrier DIN-medicine basket	100 8962
Further accessories on request	



Specifically designed and suitable for the cleaning of DIN-medicine baskets.

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, splashwater 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
- 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
- plug-in mains supply
- ergonomically shaped plastic handles

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Weight (kg)	10.0
Ultrasonic frequency (kHz)	37	Material tank	stainless steel
Power consumption total S 10 (W)	300	Material casing	stainless steel
Ultrasonic power effective (W)	300	Drain	3/8"
Ultrasonic peak performance max.**(W)	1200	Carrying handles (plastic)	√
Unit outer dimensions W / D / H (mm)	568 / 340 / 224	CE-compliant	√
Tank internal dimensions W / D / H (mm)	505 / 300 / 100	Protection class	IP 20
Basket internal dimensions W / D / H (mm)	455 / 250 / 55		
Max. filling volume tank (lit. / gal.)	14 / 3.7		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 180 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 180 (220-240 V)	100 4662
Elmasonic S 180 (115-120 V)	100 7155
Elmasonic S 180 H (220-240 V)	100 2877
Elmasonic S 180 H (115-120 V)	100 7156
Basket stainless steel	100 4275
Cover (plastic)	100 3286
Further accessories on request	



Pictured S 180 H

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)
- LED-Display for pre-set and actual temperature (applies only for units with heating)
- plug-in mains supply (S 10 – S 300H)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	18 / 4.76
Ultrasonic frequency (kHz)	37	Weight (kg)	8.5
Power consumption total S 180 (W)	200	Material tank	stainless steel
Power consumption total S 180 H (W)	1000	Material casing	stainless steel
Ultrasonic power effective (W)	200	Drain	3/8"
Ultrasonic peak performance max.**(W)	800	Carrying handles (plastic)	√
Heating power (units w. heating) (W)	800	CE-compliant	√
Unit outer dimensions W / D / H (mm)	390 / 340 / 321	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	327 / 300 / 200		
Basket internal dimensions W/D/H(mm)	280 / 250 / 115		

** 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 ultrasonic peak max., depending on the modulation of the wave.

Elmasonic S 300 (H)

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 300 (220-240 V)	107 1163
Elmasonic S 300 (115-120 V)	107 1164
Elmasonic S 300 H (220-240 V)	107 1162
Elmasonic S 300 H (115-120 V)	107 1165
Basket stainless steel	100 4271
Cover (plastic)	100 3287
Further accessories on request	



Pictured S 300 H

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)
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	115-120 V/220-240 V	Max. filling volume tank (lit. / gal.)	28 / 7.4
Ultrasonic frequency (kHz)	37	Weight (kg)	11.0
Power consumption total S 300 (W)	300	Material tank	stainless steel
Power consumption total S 300 H (W)	1500	Material casing	stainless steel
Ultrasonic power effective (W)	300	Drain	3/8"
Ultrasonic peak performance max.**(W)	1200	Carrying handles (plastic)	✓
Heating power (units w. heating) (W)	1200	CE-compliant	✓
Unit outer dimensions W / D / H (mm)	568 / 340 / 321	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	505 / 300 / 200		
Basket internal dimensions W / D / H (mm)	455 / 250 / 115		

** 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 ultrasonic peak max., depending on the modulation of the wave.

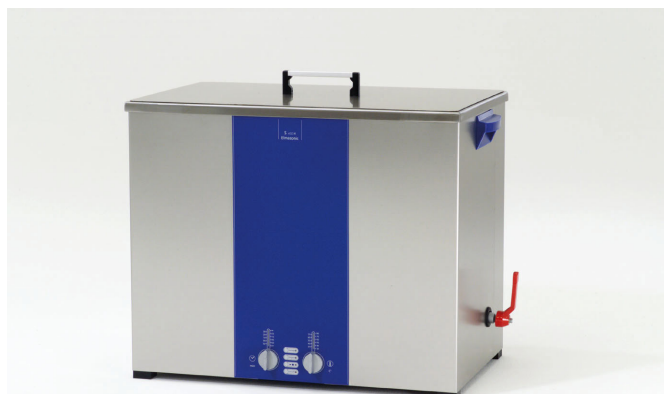
Elmasonic S 450 H

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 450 H (220-240 V)	100 3908
Basket stainless steel	100 9030
Cover (stainless steel)	100 9050

Further accessories on request



Pictured S 450 H

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
- 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
- LED-Display for pre-set and actual temperature
- plug-in mains supply
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	220-240 V	Weight (kg)	25
Max. filling volume tank (lit. / gal.)	45 / 11.89	Material tank	stainless steel
Ultrasonic frequency (kHz)	37	Material casing	stainless steel
Power consumption total	2000	Drain	1/2"
Ultrasonic power effective (W)	400	Carrying handles (plastic)	√
Ultrasonic peak performance max.** (W)	1600	CE-compliant	√
Heating power (W)	1600	Protection class	IP 20
Unit outer dimensions W / D / H (mm)	615 / 370 / 467	** 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 ultrasonic peak max., depending on the modulation of the wave.	
Tank internal dimensions W / D / H (mm)	500 / 300 / 300		
Basket internal dimensions W / D / H (mm)	455 / 270 / 194		

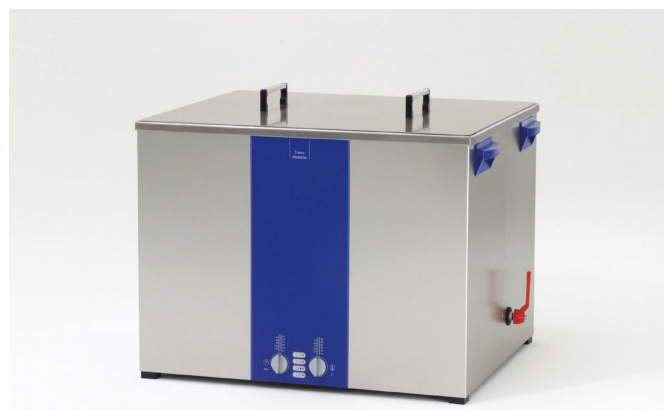
Elmasonic S 900 H

Ultrasonic cleaning unit

Elma Order Nos.

Elmasonic S 900 H (220-240 V)	100 3946
Basket stainless steel	100 9035
Cover (stainless steel)	100 9058

Further accessories on request



Elmasonic S 900 H

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, splashproof
- 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
- 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
- LED-Display for pre-set and actual temperature
- plug-in mains supply
- ergonomically shaped plastic handles
- Turning knob for tank drainage at side of unit for simple get effective draining of tank

Technical data

Mains voltage (Vac)	220-240 V	Weight (kg)	42
Max. filling volume tank (lit. / gal.)	90 / 23.78	Material tank	stainless steel
Ultrasonic frequency (kHz)	37	Material casing	stainless steel
Power consumption total	2800	Drain	1/2"
Ultrasonic power effective (W)	800	Carrying handles (plastic)	√
Ultrasonic peak performance max.** (W)	3200	CE-compliant	√
Heating power (W)	2000	Protection class	IP 20
Unit outer dimensions W / D / H (mm)	715 / 570 / 467	<p>** 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 ultrasonic peak max., depending on the modulation of the wave.</p>	
Tank internal dimensions W / D / H (mm)	600 / 500 / 300		
Basket internal dimensions W / D / H (mm)	545 / 450 / 190		